

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, February 9, 2022

Closed Session – 10:00 a.m.

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

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

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact April Keigwin at (805) 764-5452. Requests must be made as early as possible and at least one full business day before the start of the meeting. Documents and material relating to an open session agenda items that are provided to the IWVGA Board of Directors prior to a regular meeting will be available for public inspection and copying at Ridgecrest City Hall, 100 W California Ave, Ridgecrest, CA 93555, or online at <https://iwvga.org/>.

Statements from the Public

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

1. CALL TO ORDER

2. AB 361 FINDING

3. PUBLIC COMMENT ON CLOSED SESSION

4. CLOSED SESSION

- CONFERENCE WITH REAL PROPERTY NEGOTIATIONS – (Government Code Section 54956.8) - Property: State Water Project Importation; Agency Negotiator: Capitol Core Group; Negotiating Parties: Various; Under Negotiation: Price and terms of payment.
- CONFERENCE WITH LEGAL COUNSEL - POTENTIAL LITIGATION (Government Code Section 54956.9(b)) - Number of cases: (1)
- CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION (Government Code Section 54956.9(c)): IWVGA v. Inyokern CSD

- CONFERENCE WITH LEGAL COUNSEL – GROUNDWATER ADJUDICATION (Government Code Section 54956.9): Mojave Pistachios v. Indian Wells Valley Water District
- 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.
- 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.

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 January 12, 2021
- b. Approve Expenditures
 - *To view itemized invoices please visit <https://iwvga.org/iwvga-meetings>*
 - i. \$80,037.40 – Stetson Engineers
 - ii. \$30,539.50 – Regional Government Services – (Replenishment / Extraction)
 - iii. \$13,906.25 – Capitol Core Group – (Replenishment)

9. BOARD DISCUSSION AND ACTION ON PROJECT PRIORITY RANKING FOR DWR SGMA-IP GRANT FUNDING OPPORTUNITY

10. BOARD REVIEW AND APPROVAL OF POLICY ON TEMPORARY USE

11. BOARD REVIEW AND APPROVAL OF SHALLOW WELL MITIGATION POLICY

12. BOARD REVIEW AND DISCUSSION OF DEPARTMENT OF WATER RESOURCES APPROVAL LETTER ON INDIAN WELLS VALLEY GROUNDWATER SUSTAINABILITY PLAN

13. WATER RESOURCES MANAGER REPORT

- a. Grant Funding
 - i. Proposition 1

- ii. Proposition 68
- b. GSP Implementation Projects/Management Action Updates
 - i. Recycled Water Program
- c. Miscellaneous Items
 - i. Annual Report for Water Year 2021
 - ii. Groundwater Dependent Ecosystems (GDE) Update
 - iii. Rose Valley Subflow Update

14. GENERAL MANAGER'S REPORT

- a. Monthly Financial Report
- b. Report on IWVGA's Water Marketer (Capitol Core Group)
- c. Update on Wulff Hansen
- d. Update on 2020 Audit
- e. Delinquent Pumpers

15. PAC/TAC REPORT

16. DATE OF NEXT MEETING – MARCH 9, 2022

17. ADJOURN

PUBLIC COMMENT NOTICE

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

- **Watch meetings on-line:**
All of our meetings are streamed live at <https://ridgecrest-ca.gov/369/Watch> (4 second streaming delay) or on YouTube at <https://www.youtube.com/cityofridgecrest/live> (22 second streaming delay) and are also available for playback after the meeting.
- **Call in for public comments:**
If you wish to make verbal comment, *please call (760) 499-5010*. This phone line will allow only one caller at a time, so if the line is busy, please continue to dial. We will be allowing a 20-30 second pause between callers to give time for media delays and callers to dial in. Due to media delays, please mute your streaming device while making public comment. If you wish to comment on multiple items, you will need to call in as each item is presented.
**Please Note – This process will be a learning curve for all, please be patient.*
- **Submit written comments:**
We encourage submittal of written comments supporting, opposing, or otherwise commenting on an agenda item, for distribution to the Board prior to the meeting. Send emails to akeigwin@rgs.ca.gov written correspondence may be sent to April Keigwin, Clerk of the Board, 100 W. California Ave., Ridgecrest, CA 93555. Please specify to which agenda item your comment relates.
- **Large Groups:**
If you are part of a large group that would like to comment on an agenda item, please consider commenting in writing. This will be as impactful to the Board as having a large group in attendance.

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INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

BOARD OF DIRECTORS MEETING MINUTES

Wednesday, January 12, 2022; 11:00 a.m.

IWVGA Members Present:

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

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

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

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

1. CALL TO ORDER – 11:07 a.m.

- a. Pledge of Allegiance is led by Chairman Peters
- b. April Keigwin calls the following roll call vote:

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

2. AB-361 FINDING:

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

Motion carries by the following roll call vote:

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

3. PUBLIC COMMENT:

The Board hears public comment from Harold Manos, Joshua Nugent, Renee Westa-Lusk, and Mike Neel.

4. CONSENT AGENDA:

- a. Approve Minutes of Board Meeting December 8, 2021.
- b. Approve Expenditures

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

- i. \$62,271.17 – Stetson Engineers
- ii. \$26,702.98 – Regional Government Services – (Replenishment / Extraction)
- iii. \$13,312.50 – Capitol Core Group – (Replenishment)

Motion made by Scott Hayman and seconded by Stan Rajtora to approve Minutes of Board Meeting December 8, 2021, and the following expenditures in the amount of \$62,271.17 to Stetson Engineers, \$26,702.98 to Regional Government Services, and \$13,312.50 to Capitol Core Group.

Motion carries by the following roll call vote:

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

5. WATER RESOURCES MANAGER REPORT:

Steve Johnson and Heather Steele provide updates on the following grants/programs:

- a. Grant Funding
 - i. Proposition 1
 - ii. Proposition 68
- b. GSP Implementation Projects/Management Action Updates
 - i. Recycled Water Program
 - ii. Project No. 1 – Surface Percolation Replenishment
 - iii. Project No. 4 – Shallow Well Impact Mitigation Program Update
- c. Miscellaneous Items
 - i. Policy on Temporary Use
 - ii. Annual Report for Water Year 2021

The Board hears public comment from Don Decker, Renee Westa-Lusk, and West Katzenstein.

6. GENERAL MANAGER’S REPORT:

Carol Thomas-Keefer provides the Monthly Financial Report and an update from Wulff Hansen (documents made available on the IWVGA website). Michael McKinney of Capitol Core Group provides a Technical Memorandum (document made available on the IWVGA website).

The Board hears public comment from Judie Decker.

7. PAC/TAC REPORT:

PAC Chair, David Janiec, states the committee did not meet in December but updates the Board on what will be discussed at the January meeting. Steve Johnson provides a verbal update on the January 6, 2022 TAC meeting.

The Board hears public comment from Judie Decker.

8. CLOSING COMMENTS:

Director Rajtora announces the Water District will be hosting a meeting on January 26 at 6:00 pm at Ridgecrest City Hall to discuss the Groundwater Adjudication. Rajtora encourages the public to attend.

9. DATE OF NEXT MEETING – FEBRUARY 9, 2022

10. ADJOURN:

Chairman Peters adjourns the meeting at 12:22 p.m. on January 12, 2022.

Respectfully submitted,

April Keigwin
 Clerk of the Board
 Indian Wells Valley Groundwater Authority

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Invoice

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

Invoice Number: 2652-53
Invoice Date: 01/31/22

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

Professional Services through 12/31/2021

Water Resources Management

02.01 - POAM No. 15,16 Prop 1 Grant Administration

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	4.00	\$111.00	\$444.00
<i>Professional Services Subtotal:</i>			<u>\$444.00</u>
<i>POAM No. 15,16 Prop 1 Grant Administration Subtotal:</i>			<u>\$444.00</u>

38 - 2021 SDAC Program Support: Water Auditt, Leak Detection & Repair

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	2.25	\$111.00	\$249.75
<i>Professional Services Subtotal:</i>			<u>\$249.75</u>
<i>2021 SDAC Program Support: Water Auditt, Leak Detection & Repair Subtotal:</i>			<u>\$249.75</u>

40 - 2021 General Engineering

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	14.50	\$237.00	\$3,436.50
Supervisor I	6.00	\$206.00	\$1,236.00
Senior Associate	1.50	\$128.00	\$192.00
Associate III	5.00	\$111.00	\$555.00
Administrative I	1.00	\$72.00	\$72.00
<i>Professional Services Subtotal:</i>			<u>\$5,491.50</u>
Sub-Contractors			<u>Charge</u>
Board of Regents			\$1,443.68
<i>Sub-Contractors Subtotal:</i>			<u>\$1,443.68</u>
<i>2021 General Engineering Subtotal:</i>			<u>\$6,935.18</u>

44 - Coordination with DWR on GSP Review

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Senior Associate	0.50	\$128.00	\$64.00
<i>Professional Services Subtotal:</i>			<u>\$64.00</u>
<i>Coordination with DWR on GSP Review Subtotal:</i>			<u>\$64.00</u>

45 - 2021 Annual Report

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	3.50	\$237.00	\$829.50
Supervisor I	12.00	\$206.00	\$2,472.00
Senior I	0.50	\$165.00	\$82.50
GIS Manager	17.00	\$122.00	\$2,074.00
GIS Specialist I	2.50	\$101.00	\$252.50



45 - 2021 Annual Report

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Assistant I	43.25	\$98.00	\$4,238.50
			<u>Professional Services Subtotal:</u>
			\$9,949.00
			<u>2021 Annual Report Subtotal:</u>
			\$9,949.00

46 - 2021 Data Management System Support

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$206.00	\$206.00
Associate I	7.75	\$122.00	\$945.50
Assistant I	8.50	\$98.00	\$833.00
			<u>Professional Services Subtotal:</u>
			\$1,984.50
			<u>2021 Data Management System Support Subtotal:</u>
			\$1,984.50

51 - 2021 Meetings and Prep

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	22.50	\$237.00	\$5,332.50
Supervisor I	2.00	\$206.00	\$412.00
Senior Associate	2.50	\$128.00	\$320.00
Associate III	10.50	\$111.00	\$1,165.50
Assistant I	2.00	\$98.00	\$196.00
			<u>Professional Services Subtotal:</u>
			\$7,426.00

Reimbursables

	<u>Charge</u>	
Reproduction (Color)	\$6.23	
Reproduction	\$23.10	
		<u>Reimbursables Subtotal:</u>
		\$29.33
		<u>2021 Meetings and Prep Subtotal:</u>
		\$7,455.33

53 - 2021 General Project Management

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	20.50	\$206.00	\$4,223.00
Senior Associate	5.00	\$128.00	\$640.00
Associate III	6.75	\$111.00	\$749.25
			<u>Professional Services Subtotal:</u>
			\$5,612.25
			<u>2021 General Project Management Subtotal:</u>
			\$5,612.25

55 - 2021 Grant Review/Application

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	7.75	\$206.00	\$1,596.50
Senior Associate	14.50	\$128.00	\$1,856.00
Associate III	50.75	\$111.00	\$5,633.25
			<u>Professional Services Subtotal:</u>
			\$9,085.75
			<u>2021 Grant Review/Application Subtotal:</u>
			\$9,085.75

56 - 2021 Model Transfer and Upgrade

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.50	\$237.00	\$355.50
			<u>Professional Services Subtotal:</u>
			\$355.50
			<u>2021 Model Transfer and Upgrade Subtotal:</u>
			\$355.50

58 - Navy/Coso Royalty Fund: 2021 Rose Valley MW Permitting, Bid Doc Support & Dr

Professional Services

<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
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58 - Navy/Coso Royalty Fund: 2021 Rose Valley MW Permitting, Bid Doc Support & Dri

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	0.50	\$237.00	\$118.50
<i>Professional Services Subtotal:</i>			<i>\$118.50</i>
<i>Navy/Coso Royalty Fund: 2021 Rose Valley MW Permitting, Bid Doc Support & Dri</i>			<i>\$118.50</i>

59 - 2021 Data Collection

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.00	\$206.00	\$618.00
Associate I	100.75	\$122.00	\$12,291.50
Assistant I	2.00	\$98.00	\$196.00
<i>Professional Services Subtotal:</i>			<i>\$13,105.50</i>
Reimbursables			<u>Charge</u>
Car Rental			\$948.75
Field Supplies			\$150.49
Lodging			\$562.58
Meals			\$101.80
Toll			\$6.00
<i>Reimbursables Subtotal:</i>			<i>\$1,769.62</i>
<i>2021 Data Collection Subtotal:</i>			<i>\$14,875.12</i>

60 - 2021 Imported Water: Negotiations and Coordination for Replenishment Fee

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	6.00	\$237.00	\$1,422.00
<i>Professional Services Subtotal:</i>			<i>\$1,422.00</i>
<i>2021 Imported Water: Negotiations and Coordination for Replenishment Fee Subtotal:</i>			<i>\$1,422.00</i>

61 - 2021 Imported Water: Engineering and Analysis for Replenishment Fee

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	5.00	\$237.00	\$1,185.00
Senior Associate	8.50	\$128.00	\$1,088.00
Associate III	6.75	\$111.00	\$749.25
GIS Specialist I	9.00	\$101.00	\$909.00
Assistant I	18.00	\$98.00	\$1,764.00
<i>Professional Services Subtotal:</i>			<i>\$5,695.25</i>
<i>2021 Imported Water: Engineering and Analysis for Replenishment Fee Subtotal:</i>			<i>\$5,695.25</i>

62 - 2021 Recycled Water for Replenishment Fee

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	7.00	\$206.00	\$1,442.00
Senior Associate	7.50	\$128.00	\$960.00
Associate III	41.50	\$111.00	\$4,606.50
Assistant II	92.50	\$93.00	\$8,602.50
<i>Professional Services Subtotal:</i>			<i>\$15,611.00</i>
Reimbursables			<u>Charge</u>
Reproduction (Color)			\$108.58
Reproduction			\$3.15
Telephone - Conference Call			\$68.54
<i>Reimbursables Subtotal:</i>			<i>\$180.27</i>
<i>2021 Recycled Water for Replenishment Fee Subtotal:</i>			<i>\$15,791.27</i>



Project #: 2652

Invoice No: 2652-53

January 31, 2022

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Water Resources Management Subtotal: \$80,037.40

***** Invoice Total ***** **\$80,037.40**

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PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
12/31/2021	12991

Bill To:

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

P.O. No.	Due Date	Inv Sent
	3/11/2022	1/26/2022

Date	Description	Amount
12/31/2021	Reimbursable Expenses for City of Ridgecrest Monthly Rent (\$300 -please see attached)	300.00

		Total	\$300.00
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**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).

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PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
12/31/2021	12935

Bill To:

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

P.O. No.	Due Date	Inv Sent
	1/30/2022	1/19/2022

Date	Description	Amount
12/31/2021	Contract Services for December - please see attached	30,239.50

	Total	\$30,239.50
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Indian Wells Valley

Month: **Dec, 2021**

Hours and Rates by Pay Period						
		1st -15th		16th - EOM		Monthly
Advisor	Reg Hrs	Bill Rate	Reg Hrs	Bill Rate	Total Billed	
CT	20.00	\$ 125.00	6.50	\$ 125.00	\$ 3,312.50	
AK	66.80	\$ 100.00	68.00	\$ 100.00	\$ 13,480.00	
JK	0.50	\$ 135.00	1.00	\$ 135.00	\$ 202.50	
GL	0.00	\$ -	0.00	\$ -	\$ -	
GS	49.00	\$ 135.00	48.50	\$ 135.00	\$ 13,162.50	
RM	0.00	\$ -	0.50	\$ 164.00	\$ 82.00	
Totals	136.30		124.50		\$ 30,239.50	

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**CAPITOL
CORE
GROUP**

Capitol Core Group, Inc.
205 Cartwheel Bend (Operations Dept.)
Austin, TX 78738 US
949.274.9605
operations@capitolcore.com
www.capitolcore.com

BILL TO

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

INVOICE 2022-001

DATE 02/02/2022 **TERMS** Net 45

DUE DATE 03/19/2022

DATE	ACCOUNT SUMMARY	AMOUNT
01/03/2022	Balance Forward	13,312.50
	Other payments and credits after 01/03/2022 through 02/01/2022	-13,312.50
02/02/2022	Other invoices from this date	0.00
	New charges (details below)	13,906.25
	Total Amount Due	13,906.25

ACTIVITY	HOURS	RATE	AMOUNT
Charges			
Task 1: Secure Imported Water Supplies			
Government Relations: Intergovernmental Affairs Client/Staff Briefing Water Status {McKinney}	1	250.00	250.00
Government Relations: Intergovernmental Affairs Water Supplier Calls {Tatum}	2	250.00	500.00
Government Relations: Intergovernmental Affairs Bond Counsel Call {Tatum}	1	250.00	250.00
Government Relations: Intergovernmental Affairs Agency 1 Follow-up Call {Tatum}	1	250.00	250.00
Government Relations: Intergovernmental Affairs Agency 1 and Seller 1 Negotiations and follow-up {Simonetti}	2.25	225.00	506.25
Government Relations: Intergovernmental Affairs Internal Meeting re: Water Financing activities {Simonetti}	1.50	225.00	337.50
Government Relations: Intergovernmental Affairs 2022 Water supplies -- new calls and survey {Simonetti}	3.75	225.00	843.75
Invoice Total Task 1 = \$2,707.50 (12.5 hours)			
Task 2: Secure Federal Funding Sources			
Government Relations: Federal Agency: USEPA-OW -- Briefings and initial discussions re: IJJA funding {McKinney}	2.50	250.00	625.00

ACTIVITY	HOURS	RATE	AMOUNT
Government Relations:Federal Advocacy: DCIP Amendments (document review, internal strategy development; ADC Conf. call): City of Ridgecrest) {McKinney}	2.50	250.00	625.00
Government Relations:Federal Direct Advocacy: FY2023 NDAA DCIP Amendments; strategy, coalition building, and advocacy {Simonetti}	3.50	225.00	787.50
Government Relations:Federal Agency: USEPA summary and strategy {Simonetti}	1.50	225.00	337.50
Invoice Total Task 2 = \$2,375.00 (10 hours)			
Task 3: Secure State Funding Sources			
Government Relations:California Advocacy: FY2022/2023 State Budget Act (AB/SB 1624) -- analysis; Governor's Office discussions {McKinney}	3.50	250.00	875.00
Government Relations:California Advocacy: Wastewater Treatment Plant request, Senator Grove: City of Ridgecrest {McKinney}	2	250.00	500.00
Government Relations:California Agency: SGMA-IP Application -- internal meetings, memorandum development, client meetings {McKinney}	4.75	250.00	1,187.50
Government Relations:California Agency: IRWM Round 2 discussion Inyo/Mono client meeting {McKinney}	1	250.00	250.00
Government Relations:California Agency: SGMA-IP Application -- Review and Items {Frye}	3	250.00	750.00
Government Relations:California Agency: SGMA-IP Application {Simonetti}	7.50	225.00	1,687.50
Government Relations:California Direct Advocacy: WWTP follow-up and State Budget Request	2.25	225.00	506.25
Government Relations:California Direct Advocacy: FY2022/2023 State Budget Act (AB/SB 1624) {Simonetti}	2	225.00	450.00
Government Relations:California Agency: IRWM Round 2 Meeting {Simonetti}	1.50	225.00	337.50
Invoice Total Task 3 = \$6,543.75 (27.5 hours)			
Task 4: Administrative			
Administrative Meeting: Monthly Board Meeting -- Open Session {McKinney}	1.50	250.00	375.00
Administrative Ad Hoc Report to PAC: Memorandum development water and memorandum development SGMA-IP {McKinney}	2	250.00	500.00
Administrative Board Meeting Open Session {Tatum}	2	250.00	500.00
Administrative Meeting: Monthly Board Meeting -- Open Session and Preparation {Simonetti}	3	225.00	675.00
Invoice Total Task 4 = \$2,050.00 (8.5 hours)			

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

TOTAL OF NEW CHARGES

13,906.25

TOTAL DUE

\$13,906.25

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TO: Carol Thomas-Keefer, General Manager – IWVGA

FROM: Michael W. McKinney, President – CCG

CC: Jeff Simonetti, Sr. VP – CCG
Steve Johnson, Stetson Engineering

DATE: January 19, 2022

SUBJECT: Department of Water Resources, SGMA-Implementation Program: Interconnection Project and Water Recycling Plant

As you are aware, California's Budget Act of 2021 (through Senate Bill 170) authorized \$180 million in General Funds for Groundwater Projects. Of the \$180 million in General Funds, \$171 million is available for grant awards after program administration costs. The FY2021 Budget Act appropriated \$60 million in Fiscal Year (FY) 2022/2023 and \$60 million in FY 2023/2024. The FY2022/2023 and FY2023/2024 funding is subject to Legislative appropriation in that years' budget.

DWR plans to deliver the funding in at least two funding solicitations:

- **Round 1** will provide over \$150 million by spring 2022 to regional groundwater agencies (GSA) in critically overdrafted basins (CODs) for planning and implementation projects to help comply with SGMA.
- **Round 2** solicitation in 2022-2023 will provide over \$204 million from various funding sources, including anticipated General Fund appropriations in FY 2022/23 and 2023/24, remaining FY 2021/22 General Funds, remaining Proposition 68 Implementation funds, and any funds not awarded in Round 1, for planning and implementation projects to help comply with SGMA. If any funds are available after Round 2, a future funding solicitation will be provided.

Indian Wells Valley Groundwater Authority (IWVGA) has opted to submit an application for funding within Round 1, due February 17, 2022. This will provide an award up to \$7.6 million for qualified projects prioritized in the Authority's jurisdiction. The projects must conform with the goals of the Groundwater Sustainability Plan (GSP). The application must include a \$10 million funding plan for the prioritized projects.

DWR has indicated the FY2021-2022 appropriation to SGMA-IP would be the "last funding available for planning activities associated with projects in the CODs." Round 2 funding available to CODs would be limited to "implementation activities" associated with the GSP for that basin. This means that priority should be given to planning activities associated with projects outlined in the IWVGA GSP. While other programmatic funding may be available for planning activities, IWVGA should anticipate this will be the last round of available funding for planning activities associated with the SGMA-IP.

In our scoping meetings with DWR staff, Capitol Core discussed the three main infrastructure projects associated with the GSP implementation:

- **The interconnection project:** designed to bring connectivity to the basin and provide a transfer route for imported water supplies
- **The City of Ridgecrest Wastewater Treatment Plant:** designed to provide 2,700 acre-feet per year of secondary treated effluent for feedstock for the Water Recycling Plant
- **The Water Recycling Plant:** the combined tertiary treatment, advanced treatment, injection and monitoring well project designed to provide 2,000 acre-feet per year of recycled water to the basin

Any awarded funds must be expended prior to December 31, 2025. Funding requests discussed with DWR included:

- Interconnection Project: \$6 million to \$11 million in initial planning, route design, engineering studies, right-of-way acquisition, facilities design and permitting
- Water Recycling Project: \$6 million in initial planning, facilities design, effluent pipeline route/design, engineering studies, and permitting activities
- Wastewater Treatment Plant: \$5 million in construction funding for the wastewater treatment facility to offset required increases to the State Revolving Fund loan

Within these discussions, DWR SGMA-IP manager Kelley List recommended that while the Wastewater Treatment Plant was 1) deemed “shovel ready” (defined as having the ability for completed construction within 18-months of funding award) and 2) critical to the provision of recycled water to the Basin, potential awarded funding would be for construction activities not planning which is available in this funding round and the project is secondary to the actual GSP-related project, the Water Recycling Plant.

DWR also strongly recommended the application seek to significantly fund toward completion of a project (“go deeper, not wider” in funding application). At Stetson’s request, Capitol Core submitted to DWR a process flow for determination of the items to be included in the funding plan. That process flow was approved by DWR personnel as meeting the SGMA-IP Implementation Guidance.

ANALYSIS

Our analysis of available programmatic funding opportunities indicated limited eligibility for planning funding associated with the interconnection project. While clearly anticipated as a “drought resilience” project; funding in the FY2021/2022 State Budget for such projects was prioritized toward emergency interconnection projects or construction-ready drought resilience projects which qualified under the Urban and Multi-Benefit program. Capitol Core continues to evaluate the Governor’s Drought Resilience Program and included funding contained in the proposed FY2022/2023 State Budget. However, at this time, funding for planning activities associated with the interconnection project is limited to the Round 1 SGMA-IP.

Our scoping meetings with federal agencies (USEPA and Bureau of Reclamation) have not been completed and full discussion concerning available programmatic funding from the Infrastructure Investment and Jobs Act (HR 3684, IIJA) will not be finalized prior to the SGMA-IP application deadline.

Conversely, eligible programs for the Water Recycling Plant, beyond SGMA-IP, were identified in the FY2021/2022 State Budget. In addition, specific federal programs – authorizing programs related to water recycling facilities – were included in the IIJA. Scoping meetings discussions with DWR’s Urban and Multi-Benefit Program indicated eligibility of the Water Recycling Plant in the third-funding round. As a “drought resiliency” project seeking planning dollars, the Water Recycling Plant was included in funding behind emergency drought (providing actual water) and emergency infrastructure projects seeking construction funding. DWR recently advised us that the \$400 million in available funding for the Urban and Multi-Benefit Program has likely been exhausted and the third-round will be cancelled.

Capitol Core continues to work with SWRCB and DWR to identify potential funding opportunities for the Wastewater Treatment Plant and Water Recycling Plant.

In terms of available federal programmatic funding, my December 20, 2021, Memorandum outlined the following areas we are in the process of exploring with USEPA:

- \$280 million/year for the Sewer Overflow and Stormwater Reuse Program – Wastewater Treatment Plant is eligible
- \$125 million/year for the Clean Water Infrastructure Resilience and Reliability Program – Both Wastewater Treatment Plant and Water Recycling Plant are eligible
- \$15.3 million/year under the Water Infrastructure Improvements for the Nation Act (WIIN Act) under the “drinking water programs” – the Interconnection, Wastewater and Water Recycling projects are likely eligible

Scoping meetings with USEPA are focusing on the eligibility of the projects and the applicability of the funding for planning activities under the Implementation Guidelines.

DISCUSSION

Based upon the discussions between Capitol Core and DWR, the positioning of the IWVGA SGMA-IP application, and the limited availability of planning fund activities for the interconnection project, our recommendation is to focus the application’s funding plan and any award received under the program on that project.

While the Wastewater Treatment Plant is included within the GSP and therefore may be “eligible” for funding within SGMA-IP application, it may not be deemed “as eligible” and other projects which are direct providers to groundwater sustainability. In Capitol Core’s opinion, other programs are available for the \$5 million requirement and the project’s construction ready status creates the opportunity for a direct-budget request (California) during the FY2022/2023 State Budget and Community Project Funding Request (Federal) within the Environment and Related Agencies Appropriation Bill.

We are currently discussing the possibility of the Direct Budget Request with Senator Grove’s staff. She has not yet indicated support or opposition to this path. A Community Project Funding Request is likely not available, due to partisan division within the Congress, until 2023.

Capitol Core continues to work with EPA and BOR concerning programmatic funding requests for planning activities associated with the Water Recycling Plant. We are concerned by the potential cancellation of third-round funding under the Urban and Multi-Benefit Program. The proposed State Budget offers opportunities to increase funding for this program to push resiliency programs. As directed, Capitol Core is currently lobbying to increase funding to drought resiliency projects within the FY2022/2023 State Budget.

Stetson Engineering is currently detailing budget amounts for the “planning” activities designated within the Interconnection and Water Recycling Plant projects’ funding requests. In conjunction with Stetson’s analysis, Capitol Core is working with DWR to determine the separation point between planning and construction activities within the Implementation Guidance of their programs. As we currently understand the definition, completion of CEQA permitting designates the *bright regulatory line* between planning and construction. Stetson asked a second question concerning the use of funding for “acquisition of right-of-way.” Our understanding is the “implementation of SGMA” does include right-of-way acquisition and therefore that activity is eligible for funding. We are clarifying that understanding with DWR.

Capitol Core continues to recommend designating the interconnection project as the main spending priority for the IWVGA under the SGMA-IP application. In our opinion, there will be limited opportunities for associated planning activity awards for the project. In contrast, the Water Recycling Plant has other eligible programs and the chance for future planning funding awards for this type of project is greater, especially given the Governor’s “drought resiliency” priority and the USEPA’s focus on “clean water” programs which are combined with other economic benefits, such as groundwater use offset. Funding for the Wastewater Treatment Plant will continue to be a priority for our activities.

Should you have any questions, please give me a call to discuss.

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IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members

DATE: February 9, 2022

FROM: IWVGA Staff

SUBJECT: Agenda Item 9 – Resolution No. 01-22 Authorizing an Agreement with the State of California for SGMA Implementation Grant Funding authorized under the California Budget Act of 2021

DISCUSSION

Funding is available for critically overdrafted basins through the California Department of Water Resources (DWR) Sustainable Groundwater Management (SGM) Grant Program’s Round 1 SGMA-Implementation grant funding solicitation (SGMA-IP, or Grant). The Grant provides funding for projects that encourage sustainable management of groundwater resources and that support SGMA and/or invest in groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects. The Indian Wells Valley Groundwater Basin is a critically overdrafted basin of high priority, according to DWR’s most recent basin prioritization findings, so the IWVGA may apply for grant funding during this Round. The Round 1 Grant solicitation will close on **Monday, February 28, 2022 at 5:00 pm PST**.

DWR is allocating the Round 1 funding relatively equally to all eligible critically overdrafted basins (including the Indian Wells Valley Basin), so long as those basins conduct a compliant scoring self-evaluation of the most competitive eligible projects within the basin and submit an associated \$10+ million Spending Plan for the identified projects.

DWR has required that the project list and scoring for the Spending Plans be developed through a well-documented project review process. DWR has noted that applicants may conduct this project review process through their advisory committees, but at a minimum, the process should include a representative for each entity within the basin’s Groundwater Sustainability Agency (GSA). The project review process is intended to ensure that interested parties can provide input on the projects to be potentially funded, and the results of this process must be documented and included within the Spending Plan.

Staff has developed a two-phase project review process for this self-evaluation. Capitol Core Group has been in constant communication with DWR on this grant opportunity and has received confirmation from DWR staff that the project review process developed by Staff satisfies the Grant requirements. Phase one of the process consisted of development of a project listing and preliminary project scoring by Staff, with subsequent distribution to members of the IWVGA’s Policy Advisory Committee (PAC) and Technical Advisory Committees (TAC). The preliminary project scoring was distributed to the PAC and TAC members on November 29, 2021. Staff received comments on the preliminary project scoring from a total of four (4) committee members, and these comments were considered when developing a revised project

scoring. The revised project scoring can be found in Attachment A of the application, which is included in your Board packet.

Phase two of the process consists of Board-level discussion at today's meeting of the projects to be prioritized for funding. Staff has included the most updated project scoring list in the Board packet for review and discussion of the projects and their priorities according to individual Board members. Staff has ranked the "imported water interconnection project" as the highest priority project in part because of the need for imported water supplies to bring the basin into sustainable operations, and in part due to guidance from Capitol Core that the "imported water interconnection project" has limited opportunity for planning-level funding at this time but does qualify for this grant. Capitol Core has also recently identified funding opportunities for planning-level efforts regarding the water recycling project.

If the IWVGA's Spending Plan is approved by DWR, the IWVGA may receive up to \$7.6 million in grant funding. At this time, the IWVGA's Spending Plan recommends that the "imported water interconnection project" receive a total of \$7.3 million in grant funding, and that the remaining \$300,000 be allocated to "grant administration." A local cost share (i.e. matching funds) is not required for Round 1, but projects able to show a local cost share of at least 5% will score slightly higher than those that cannot. Assuming that the "imported water interconnection project" component and the "grant administration" component receive the proposed grant funding amounts, the corresponding local cost share of 5% would equate to approximately \$380,000.

Should the Board agree with Staff's current project priorities and Spending Plan, a motion is needed which requires three parts: (1) Approval of selection of the "imported water interconnection project" as the highest priority project for the IWVGA for the purposes of the Grant opportunity; (2) Authorization for the IWVGA's Water Resources Manager to submit an application on behalf of the IWVGA for the Round 1 Grant solicitation; and (3) Adoption of a Resolution No. 01-22 Authorizing an Agreement with the State of California for SGMA Implementation Grant Funding under the California Budget Act of 2021.

RECOMMENDATION

Staff recommends that your Board approve selection of the "imported water interconnection project" as the highest priority project for the Grant, authorize the IWVGA's Water Resources Manager to submit an application under the SGM Grant Program's SGMA-IP Grant, and adopt the attached Resolution No. 01-22.

BEFORE THE BOARD OF DIRECTORS INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

In the matter of:

Resolution No. 01-22

**AUTHORIZING AN AGREEMENT WITH
THE STATE OF CALIFORNIA FOR SGMA
IMPLEMENTATION GRANT FUNDING
UNDER THE CALIFORNIA BUDGET ACT
OF 2021**

I, April Keigwin, Secretary of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following resolution, on motion of Director _____, seconded by Director _____, was duly passed and adopted by the Board of Directors at an official meeting this 9th day of February, 2022, by the following vote:

AYES:

NOES:

ABSENT:

Secretary of the Board of Directors
Indian Wells Valley Groundwater Authority

RESOLUTION

Section 1. **WHEREAS:**

(a) The Board's adoption and submission of its Groundwater Sustainability Plan (GSP) to the California Department of Water Resources by no later than January 31, 2020, was a requirement of the "Sustainable Groundwater Management Act" (SGMA); and

(b) The stated purpose of SGMA, as set forth in California Water Code Section 10720.1, is to provide for the sustainable management of groundwater basins, and sub-basins, as defined by the California Department of Water Resources at a local level by

providing local water supply, water management and land use agencies with the authority and technical and financial assistance necessary to sustainably manage groundwater; and

(c) Round 1 grant funding from DWR is available through the California Budget Act of 2021 under the Sustainable Groundwater Management (SGM) grant program for projects consistent with implementation of GSPs; and

(d) The Indian Wells Valley Groundwater Authority (IWVGA) is eligible to receive funding, up to \$7,600,000, through submittal of a Round 1 SGMA Implementation grant application to DWR; and

(e) The Round 1 SGMA Implementation grant application solicitation was released on December 17, 2021 and is to be submitted to DWR by February 28, 2022 at 5:00 pm PST; and

(f) The SGM grant program Application requires submittal of a Resolution adopted by the Indian Wells Valley Groundwater Authority authorizing a representative to enter into an agreement with the State of California to receive grant funding.

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

1. This Board finds that the recited facts are true and that it has the jurisdiction to consider, approve, and adopt this Resolution.

2. Resolved by the Indian Wells Valley Groundwater Authority, that an Application be made to the California Department of Water Resources to obtain a grant under the 2021 Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation Grant pursuant to the California Budget Act of 2021 (Stats. 2021, ch. 240, § 80) and to enter into an agreement to receive a grant for the Indian Wells Valley Groundwater Basin Spending Plan Application. The General Manager of the Indian Wells Valley Groundwater Authority, or designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, execute a grant agreement and any future amendments (if required), submit invoices, and submit any reporting requirements with the California Department of Water Resources. Passed and adopted at a meeting of the Indian Wells Valley Groundwater Authority on February 9th, 2022.

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Applicant Name: Indian Wells Valley Groundwater Authority
Basin Name: Indian Wells Valley Groundwater Basin (Bulletin 118 No. 6-054)

SPENDING PLAN TEMPLATE

Use the following naming convention for the email subject line when submitting the Critically Overdrafted (COD) Basin – Round 1 Sustainable Groundwater Management Act (SGMA) Implementation solicitation Spending Plan:

“BasinName_ApplicantName_SpendingPlanPackage”

This Spending Plan submission will contain a maximum of 5 email attachments: Spending Plan (required), Attachment A – Scoring Criteria (required), Attachment B – Resolution (required), Attachment C – Eligibility Self-Certification Checklist (required), and Attachment D – Backup Documentation (optional). The entire Spending Plan application, including completed tables and attachments, may be submitted to SGWP@water.ca.gov. Applications should be submitted after February 1, 2022 and before February 18, 2022.

Please remove **ALL** instructions (including the second row of Table 1) before submission.

Grant Proposal Spending Plan (Required)

Use the following naming convention for the Spending Plan:

“BasinName_ApplicantName_SpendingPlan”.

The Spending Plan (Table 1) must contain a component rank, component name, estimated score, anticipated benefactors, estimated cost, and a justification for the rank and component. Please also see the examples (*) below on how to list components with and without tasks. This plan will also be accompanied with completed Table 2 (Budget) and completed Table 3 (Schedule) within the same document.

Component-Type requirements for Table 1 are listed in Section II.A on page 7 of the PSP. These are applicable for San Joaquin Valley (SJV) COD basins ONLY.

Applicant Name: Indian Wells Valley Groundwater Authority
Basin Name: Indian Wells Valley Groundwater Basin (Bulletin 118 No. 6-054)

Table 1 – Spending Plan

Rank	Name	Estimated Score	COD SJV Component Requirement	Benefactors	Cost	Justification
1	Imported Water Interconnection Project	28	<input type="checkbox"/>	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$ 8,493,900.00	This project is designated as the highest priority project because the IWVGA's GSP concluded that even after implementing measures that will enhance the Basin's local water supplies or reduce water demands, the Basin's sustainable yield will still be insufficient to meet future demands without a significant imported water supply. Without such a supplemental imported water supply, the Basin's current groundwater infrastructure would be unable to produce needed groundwater by 2065.
2	Water Recycling Project	27	<input type="checkbox"/>	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$ 3,939,500.00	This project is a high priority because it will provide the Basin with a supplemental water supply that will offset groundwater demands above the estimated Basin sustainable yield through either direct non-potable use or groundwater replenishment.
3	Data Gap Evaluation, Data Collection, and Monitoring Program	22	<input type="checkbox"/>	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$ 879,300.00	This project is designated as a medium priority project because the anticipated benefits do not directly address overdraft conditions; rather the project represents data gap analysis that will better inform Basin sustainable management during the SGMA planning and implementation horizon, and particularly for the upcoming 5 -Year GSP Update due in January 2025.
4	Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan	18	<input type="checkbox"/>	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$ 891,600.00	Though not as highly prioritized as the projects above, this project still carries a high priority over others below because it represents mandatory state reporting requirements pursuant to SGMA.
5	Pumping Optimization Investigation	20	<input type="checkbox"/>	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$ 3,670,000.00	This project is designated as a lower priority project compared to others because the anticipated benefits may not be achieved for several years due to the project's current

Applicant Name: Indian Wells Valley Groundwater Authority
Basin Name: Indian Wells Valley Groundwater Basin (Bulletin 118 No. 6-054)

						status (i.e. feasibility/conceptual phase). The El Paso basin may represent a potential water supply that could reduce pumping in areas experiencing undesirable results, but it is too early to know this definitively.
6	Conservation Feasibility Study	23	<input type="checkbox"/>	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$ 88,000.00	This project is designated as a low priority project. While maximizing conservation opportunities aligns with the purpose of SGMA, other projects are farther along in their implementation progress and will provide substantially higher benefits to the Basin than this project. Regardless, the Basin GSP recommended investigating opportunities for conservation as a proposed project.
7	Grant Administration	N/A	<input type="checkbox"/>	<input type="checkbox"/> Tribe(s) <input type="checkbox"/> URC(s) <input type="checkbox"/> SDAC(s)	\$ 300,000.00	
Total Cost:					\$ 18,262,300.00	

Applicant Name: Indian Wells Valley Groundwater Authority
Basin Name: Indian Wells Valley Groundwater Basin (Bulletin 118 No. 6-054)

Grant Proposal Summary Budget (Required)

Use Table 2: Spending Plan Summary Budget Table

NOTE: the maximum grant administration budget cannot exceed 10% and the maximum construction administration budget cannot exceed 15% of the requested grant funds. Grantees shall invoice and report on a quarterly basis only.

TABLE 2 – GRANT PROPOSAL SUMMARY BUDGET

Budget Categories ¹	Requested Grant Amount
Component 1: Imported Water Interconnection Project	\$7,300,000.00
Component 2: Water Recycling Project	\$0.00
Component 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan	\$0.00
Component 4: Data Gap Evaluation, Data Collection, and Monitoring Program	\$0.00
Component 5: Pumping Optimization Investigation	\$0.00
Component 6: Conservation Feasibility Study	\$0.00
Component 7: Grant Administration	\$300,000.00
Grand Total <i>Sum rows (1) through (n) for each column</i>	\$7,600,000.00

Grant Proposal Summary Schedule (Required)

The schedule should show the sequence and timing of each of the proposed components, depending on what are outlined in the Spending Plan and Budget table.

The proposal dates within the proposal must start and end at the following dates:

Start Date – Reimbursable grant funds begin after the 2021 Guidelines and PSP approval date (December 17, 2021).

Work Completion Date – All work, including final invoicing and reporting and retention invoice, must be completed on or before June 30, 2025.

The dates within the Schedule cannot be before the Start Date listed above or after the Work Completion Date. The Work Completion Date is the date that all deliverables and invoices are submitted to DWR and approved by the DWR Grant Manager. The Work Completion Date IS NOT the construction end date. Absolutely no work will be reimbursed or reported as local cost share after the Work Completion Date.

TABLE 3B – GRANT PROPOSAL SCHEDULE

Categories	Start Date	End Date
Component 1: Imported Water Interconnection Project	December 17, 2021	June 30, 2025
Component 2: Water Recycling Project	December 17, 2021	June 30, 2025
Component 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan	December 17, 2021	April 1, 2025
Component 4: Data Gap Evaluation, Data Collection, and Monitoring Program	December 17, 2021	June 30, 2025

Applicant Name: Indian Wells Valley Groundwater Authority
Basin Name: Indian Wells Valley Groundwater Basin (Bulletin 118 No. 6-054)

Categories	Start Date	End Date
Component 5: Pumping Optimization Investigation	June 1, 2022	June 30, 2025
Component 6: Conservation Feasibility Study	June 1, 2022	May 31, 2024
Component 7: Grant Administration	December 17, 2021	June 30, 2025

ATTACHMENT A. SCORING CRITERIA (Required)

For the naming convention of this email attachment, use the following:

“AttA_ApplicantName_ScoringCriteria”.

The applicant must use the Scoring Criteria Excel file provided by DWR’s Grant Manager and email the completed form as an attachment with the naming convention above within the same email as the Spending Plan. This attachment will contain copies of the completed scoring criteria for each component proposed for funding for the basin, a methodology of how components were ranked, an explanation of how review panels were formed, and a list of review panelists. If a question does not apply to a component, the score would be listed as "0" and the review committee will need to provide justification within the Spending Plan if the applicant is still wanting to bring that component forward for funding. This is a required attachment.

ATTACHMENT B. RESOLUTION (Required)

For the naming convention of this email attachment, use the following:

“AttB_ApplicantName_Resolution”.

The applicant must provide an adopted resolution that has been adopted by the applicant’s governing body designating an authorized representative to submit the application and execute an agreement with the State of California for the SGMA Implementation grant application.

IF an entity is acting on behalf of a GSA, then an adopted resolution from the GSA is required authorizing the applicant entity to act in such a role. Furthermore, a resolution is required by the entity acting as applicant stating authorization to work on behalf of the GSA as previously described. Therefore, in this example, no less than two adopted resolutions are required for the application and grant execution.

If the resolution cannot be adopted prior to the application due date, provide draft copies of the resolution(s), discuss the situation in Attachment B, and include an anticipated submittal date for the adopted resolution(s). An Agreement cannot be signed without an adopted resolution signed by the appropriate authorities.

The following text box provides an example of the resolution that must be submitted to fulfill this requirement.

Applicant Name: Indian Wells Valley Groundwater Authority
Basin Name: Indian Wells Valley Groundwater Basin (Bulletin 118 No. 6-054)

RESOLUTION NO. _____

Resolved by the <Insert Name of Applicant Governing Body>, that an application be made to the California Department of Water Resources to obtain a grant under the 2021 Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation Grant pursuant to the California Budget Act of 2021 (Stats. 2021, ch. 240, § 80) and to enter into an agreement to receive a grant for the: <Insert Project Name>. The <Insert title of Authorized Applicant Official> of the <Insert Name of Applicant>, or designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement and any future amendments (if required), submit invoices, and submit any reporting requirements with the California Department of Water Resources. Passed and adopted at a meeting of the <Insert Name of Applicant> on <Insert date>.

Authorized Original Signature: _____

Printed Name: _____

Title: _____

Clerk/Secretary: _____

CERTIFICATION

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the <Insert Name of Applicant> held on <Insert date>.

Clerk/Secretary: _____

DWR highly recommends you follow this language verbatim to ensure that the resolution is sufficient to execute an agreement, execute future amendments (if required), submit invoices, and submit all reporting requirements. **Any deviation from this template may result in a delay in executing the Agreement and beginning the Project.**

ATTACHMENT C. ELIGIBILITY SELF-CERTIFICATION FORM (Required)

For the naming convention of this email attachment, use the following:

“AttC_ApplicantName_EligibilityChecklistForm”.

The applicant must use the form located on the Program’s website (www.water.ca.gov/sgmgrants) and upload the completed form as Attachment C. Details for the eligibility criteria can be found in Section III.C. of the 2021 Guidelines.

ATTACHMENT D. OTHER ADDITIONAL BACKUP (Optional)

For the naming convention of this email attachment, use the following:

“AttD_ApplicantName_AdditionalBackup”.

If submitting backup documents, the attachment must use the naming convention above within the same email as the Spending Plan. Any additional information that would help facilitate the solicitation process and enhance the understanding of the components proposed shall be included in this attachment. This is an optional attachment.

Attachment A

Scoring Criteria & Project Review Process Documentation

Project / Component Evaluation Criteria

Component No. 1: Imported Water Interconnection Project

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	1	<p>Was a description of the proposed Project or Component provided? Did it explain why this Project or Component was chosen over all others identified in the Plan in terms of benefits provided, communities served, measurable objectives, minimum thresholds, plan implementation timeline, and feasibility? If you feel a question component does not apply to your proposed project, please explain why it is not applicable. (Example “Measurable objective not applicable because project is planning only”.)</p> <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General - Imp Only	2-Imp	<p>Does the Project or Component provide a description of quantifiable benefits? Was an explanation of the benefits that are expected to be realized from the Project or Component provided, along with how those benefits will be evaluated and quantified?</p> <ul style="list-style-type: none"> To obtain full points, 3 or more quantifiable benefits must be identified and fully supported with backup documentation. 	4	<p>4 - At least 3 quantifiable benefits with explanations and supporting documents 3 - Two quantifiable benefits with explanations and supporting documents 2 - Two quantifiable benefits lacking explanations and supportign documents 1 - One quantifiable benefit wtih explanations and supporting documents 0 - Benefits provided but are not explained or quantified</p>	0
General - Planning Only	2-Plan	<p>Does the Project Description describe a well-coordinated proposal including a GSP(s) that encompasses the entire basin or describes why a portion of the basin is not covered in the proposal? Does it describe how well the multiple GSA(s) surrounding and within the basin are working together?</p>	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General	3	<p>Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?</p> <ul style="list-style-type: none"> To obtain full points, a minimum of three comment letters are required from the Underrepresented Communities. 	3	<p>3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project/Component 2 - Interested parties engaged/involved, but not included on decision-making committees 1 - Marginally addressed 0 - Not addressed</p>	3
General	4	<p>Was there a regional and Project map(s) depicting the site location, current conditions, and benefitting areas?</p> <ul style="list-style-type: none"> The information should be clear and easy to read. If not, the point will not be given. 	2	<p>2 - Provided and all necessary information provided 1 - Provided but missing some information 0 - Not provided</p>	2

Project / Component Evaluation Criteria

Component No. 1: Imported Water Interconnection Project

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	5	Does the project benefit an Underrepresented Community (-ies)? Was there a map(s) depicting the Underrepresented Community (-ies) that the project will benefit? Does the project benefit an SDAC? Was there a map(s) depicting the SDAC(s) that the project will benefit? Please provide the amount of funding that will benefit both the Underrepresented Community and SDAC. <ul style="list-style-type: none"> No points will be given if a map(s) is not provided. 	3	3 - Projects benefits an SDAC(s) 2 - Project benefits Underrepresented Community 1 - Project partially benefits either 0 - Project does not benefit either	3
General	6	Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? Was justification such as domestic well census results, water system maps, service area maps, etc. provided? Does the Project or Component help address the needs of the State Water Board's SAFER Program?	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	2
General	7	How does the proposed Project or Component address the Human Right to Water (AB 685 Section 106.3)? How will the Project or Component support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	4	4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed	3
Scope of Work	8	Did the proposal provide a description of the tasks/subtasks that will be completed as part of this grant Project? <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	3
Budget	9	Is a budget summary table provided? Is the budget reasonable for the project? Is the budget table tasks/subtasks provided in the scope of work coincide with the tasks/subtasks in the budget and schedule tables? Is local cost share included (minimum of 5%)? Local cost share may include costs expended on projects before grant agreement date. <ul style="list-style-type: none"> Local cost share is not required but necessary to obtain full points. 	3	3 - Local cost share is provided, and budget is consistent and feasible 2 - Budget is consistent and feasible 1 - Budget is consistent but not feasible 0 - Not consistent and feasible	3
Schedule	10	Is the tasks/subtask in the schedule table consistent with those listed in the budget table and within the description in the application? Is the schedule feasible?	1	1 - Consistent and feasible 0 - Not consistent and feasible	1
Total Range of Possible Points			30		28
TOTAL FUNDING RECOMMENDED (rounded to nearest hundreth):				\$ 7,300,000	

Project / Component Evaluation Criteria

Component No. 2: Water Recycling Project

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	1	<p>Was a description of the proposed Project or Component provided? Did it explain why this Project or Component was chosen over all others identified in the Plan in terms of benefits provided, communities served, measurable objectives, minimum thresholds, plan implementation timeline, and feasibility? If you feel a question component does not apply to your proposed project, please explain why it is not applicable. (Example “Measurable objective not applicable because project is planning only”.)</p> <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General - Imp Only	2-Imp	<p>Does the Project or Component provide a description of quantifiable benefits? Was an explanation of the benefits that are expected to be realized from the Project or Component provided, along with how those benefits will be evaluated and quantified?</p> <ul style="list-style-type: none"> To obtain full points, 3 or more quantifiable benefits must be identified and fully supported with backup documentation. 	4	<p>4 - At least 3 quantifiable benefits with explanations and supporting documents 3 - Two quantifiable benefits with explanations and supporting documents 2 - Two quantifiable benefits lacking explanations and supportign documents 1 - One quantifiable benefit wtih explanations and supporting documents 0 - Benefits provided but are not explained or quantified</p>	0
General - Planning Only	2-Plan	<p>Does the Project Description describe a well-coordinated proposal including a GSP(s) that encompasses the entire basin or describes why a portion of the basin is not covered in the proposal? Does it describe how well the multiple GSA(s) surrounding and within the basin are working together?</p>	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General	3	<p>Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?</p> <ul style="list-style-type: none"> To obtain full points, a minimum of three comment letters are required from the Underrepresented Communities. 	3	<p>3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project/Component 2 - Interested parties engaged/involved, but not included on decision-making committees 1 - Marginally addressed 0 - Not addressed</p>	2
General	4	<p>Was there a regional and Project map(s) depicting the site location, current conditions, and benefitting areas?</p> <ul style="list-style-type: none"> The information should be clear and easy to read. If not, the point will not be given. 	2	<p>2 - Provided and all necessary information provided 1 - Provided but missing some information 0 - Not provided</p>	2

Project / Component Evaluation Criteria

Component No. 2: Water Recycling Project

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	5	Does the project benefit an Underrepresented Community (-ies)? Was there a map(s) depicting the Underrepresented Community (-ies) that the project will benefit? Does the project benefit an SDAC? Was there a map(s) depicting the SDAC(s) that the project will benefit? Please provide the amount of funding that will benefit both the Underrepresented Community and SDAC. <ul style="list-style-type: none"> No points will be given if a map(s) is not provided. 	3	3 - Projects benefits an SDAC(s) 2 - Project benefits Underrepresented Community 1 - Project partially benefits either 0 - Project does not benefit either	3
General	6	Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? Was justification such as domestic well census results, water system maps, service area maps, etc. provided? Does the Project or Component help address the needs of the State Water Board’s SAFER Program?	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	2
General	7	How does the proposed Project or Component address the Human Right to Water (AB 685 Section 106.3)? How will the Project or Component support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	4	4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed	3
Scope of Work	8	Did the proposal provide a description of the tasks/subtasks that will be completed as part of this grant Project? <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	3
Budget	9	Is a budget summary table provided? Is the budget reasonable for the project? Is the budget table tasks/subtasks provided in the scope of work coincide with the tasks/subtasks in the budget and schedule tables? Is local cost share included (minimum of 5%)? Local cost share may include costs expended on projects before grant agreement date. <ul style="list-style-type: none"> Local cost share is not required but necessary to obtain full points. 	3	3 - Local cost share is provided, and budget is consistent and feasible 2 - Budget is consistent and feasible 1 - Budget is consistent but not feasible 0 - Not consistent and feasible	3
Schedule	10	Is the tasks/subtask in the schedule table consistent with those listed in the budget table and within the description in the application? Is the schedule feasible?	1	1 - Consistent and feasible 0 - Not consistent and feasible	1
Total Range of Possible Points			30		27
TOTAL FUNDING RECOMMENDED (rounded to nearest hundreth):				\$	-

Project / Component Evaluation Criteria

Component No. 3: Annual Reporting for Indian Wells Valley GSP

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	1	<p>Was a description of the proposed Project or Component provided? Did it explain why this Project or Component was chosen over all others identified in the Plan in terms of benefits provided, communities served, measurable objectives, minimum thresholds, plan implementation timeline, and feasibility? If you feel a question component does not apply to your proposed project, please explain why it is not applicable. (Example “Measurable objective not applicable because project is planning only”.)</p> <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General - Imp Only	2-Imp	<p>Does the Project or Component provide a description of quantifiable benefits? Was an explanation of the benefits that are expected to be realized from the Project or Component provided, along with how those benefits will be evaluated and quantified?</p> <ul style="list-style-type: none"> To obtain full points, 3 or more quantifiable benefits must be identified and fully supported with backup documentation. 	4	<p>4 - At least 3 quantifiable benefits with explanations and supporting documents 3 - Two quantifiable benefits with explanations and supporting documents 2 - Two quantifiable benefits lacking explanations and supportign documents 1 - One quantifiable benefit wtih explanations and supporting documents 0 - Benefits provided but are not explained or quantified</p>	0
General - Planning Only	2-Plan	<p>Does the Project Description describe a well-coordinated proposal including a GSP(s) that encompasses the entire basin or describes why a portion of the basin is not covered in the proposal? Does it describe how well the multiple GSA(s) surrounding and within the basin are working together?</p>	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General	3	<p>Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?</p> <ul style="list-style-type: none"> To obtain full points, a minimum of three comment letters are required from the Underrepresented Communities. 	3	<p>3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project/Component 2 - Interested parties engaged/involved, but not included on decision-making committees 1 - Marginally addressed 0 - Not addressed</p>	1
General	4	<p>Was there a regional and Project map(s) depicting the site location, current conditions, and benefitting areas?</p> <ul style="list-style-type: none"> The information should be clear and easy to read. If not, the point will not be given. 	2	<p>2 - Provided and all necessary information provided 1 - Provided but missing some information 0 - Not provided</p>	0

Project / Component Evaluation Criteria

Component No. 3: Annual Reporting for Indian Wells Valley GSP

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	5	Does the project benefit an Underrepresented Community (-ies)? Was there a map(s) depicting the Underrepresented Community (-ies) that the project will benefit? Does the project benefit an SDAC? Was there a map(s) depicting the SDAC(s) that the project will benefit? Please provide the amount of funding that will benefit both the Underrepresented Community and SDAC. <ul style="list-style-type: none"> No points will be given if a map(s) is not provided. 	3	3 - Projects benefits an SDAC(s) 2 - Project benefits Underrepresented Community 1 - Project partially benefits either 0 - Project does not benefit either	1
General	6	Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? Was justification such as domestic well census results, water system maps, service area maps, etc. provided? Does the Project or Component help address the needs of the State Water Board's SAFER Program?	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	1
General	7	How does the proposed Project or Component address the Human Right to Water (AB 685 Section 106.3)? How will the Project or Component support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	4	4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed	0
Scope of Work	8	Did the proposal provide a description of the tasks/subtasks that will be completed as part of this grant Project? <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	3
Budget	9	Is a budget summary table provided? Is the budget reasonable for the project? Is the budget table tasks/subtasks provided in the scope of work coincide with the tasks/subtasks in the budget and schedule tables? Is local cost share included (minimum of 5%)? Local cost share may include costs expended on projects before grant agreement date. <ul style="list-style-type: none"> Local cost share is not required but necessary to obtain full points. 	3	3 - Local cost share is provided, and budget is consistent and feasible 2 - Budget is consistent and feasible 1 - Budget is consistent but not feasible 0 - Not consistent and feasible	3
Schedule	10	Is the tasks/subtask in the schedule table consistent with those listed in the budget table and within the description in the application? Is the schedule feasible?	1	1 - Consistent and feasible 0 - Not consistent and feasible	1
Total Range of Possible Points			30		18
TOTAL FUNDING RECOMMENDED (rounded to nearest hundreth):				\$	-

Project / Component Evaluation Criteria

Component No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	1	<p>Was a description of the proposed Project or Component provided? Did it explain why this Project or Component was chosen over all others identified in the Plan in terms of benefits provided, communities served, measurable objectives, minimum thresholds, plan implementation timeline, and feasibility? If you feel a question component does not apply to your proposed project, please explain why it is not applicable. (Example “Measurable objective not applicable because project is planning only”.)</p> <ul style="list-style-type: none"> • No funds will be awarded without clear justification for the proposed tasks/subtasks. 	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General - Imp Only	2-Imp	<p>Does the Project or Component provide a description of quantifiable benefits? Was an explanation of the benefits that are expected to be realized from the Project or Component provided, along with how those benefits will be evaluated and quantified?</p> <ul style="list-style-type: none"> • To obtain full points, 3 or more quantifiable benefits must be identified and fully supported with backup documentation. 	4	<p>4 - At least 3 quantifiable benefits with explanations and supporting documents 3 - Two quantifiable benefits with explanations and supporting documents 2 - Two quantifiable benefits lacking explanations and supportign documents 1 - One quantifiable benefit wtih explanations and supporting documents 0 - Benefits provided but are not explained or quantified</p>	0
General - Planning Only	2-Plan	<p>Does the Project Description describe a well-coordinated proposal including a GSP(s) that encompasses the entire basin or describes why a portion of the basin is not covered in the proposal? Does it describe how well the multiple GSA(s) surrounding and within the basin are working together?</p>	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General	3	<p>Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?</p> <ul style="list-style-type: none"> • To obtain full points, a minimum of three comment letters are required from the Underrepresented Communities. 	3	<p>3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project/Component 2 - Interested parties engaged/involved, but not included on decision-making committees 1 - Marginally addressed 0 - Not addressed</p>	3
General	4	<p>Was there a regional and Project map(s) depicting the site location, current conditions, and benefitting areas?</p> <ul style="list-style-type: none"> • The information should be clear and easy to read. If not, the point will not be given. 	2	<p>2 - Provided and all necessary information provided 1 - Provided but missing some information 0 - Not provided</p>	2

Project / Component Evaluation Criteria

Component No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	5	Does the project benefit an Underrepresented Community (-ies)? Was there a map(s) depicting the Underrepresented Community (-ies) that the project will benefit? Does the project benefit an SDAC? Was there a map(s) depicting the SDAC(s) that the project will benefit? Please provide the amount of funding that will benefit both the Underrepresented Community and SDAC. <ul style="list-style-type: none"> No points will be given if a map(s) is not provided. 	3	3 - Projects benefits an SDAC(s) 2 - Project benefits Underrepresented Community 1 - Project partially benefits either 0 - Project does not benefit either	1
General	6	Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? Was justification such as domestic well census results, water system maps, service area maps, etc. provided? Does the Project or Component help address the needs of the State Water Board's SAFER Program?	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	1
General	7	How does the proposed Project or Component address the Human Right to Water (AB 685 Section 106.3)? How will the Project or Component support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	4	4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed	0
Scope of Work	8	Did the proposal provide a description of the tasks/subtasks that will be completed as part of this grant Project? <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	3
Budget	9	Is a budget summary table provided? Is the budget reasonable for the project? Is the budget table tasks/subtasks provided in the scope of work coincide with the tasks/subtasks in the budget and schedule tables? Is local cost share included (minimum of 5%)? Local cost share may include costs expended on projects before grant agreement date. <ul style="list-style-type: none"> Local cost share is not required but necessary to obtain full points. 	3	3 - Local cost share is provided, and budget is consistent and feasible 2 - Budget is consistent and feasible 1 - Budget is consistent but not feasible 0 - Not consistent and feasible	3
Schedule	10	Is the tasks/subtask in the schedule table consistent with those listed in the budget table and within the description in the application? Is the schedule feasible?	1	1 - Consistent and feasible 0 - Not consistent and feasible	1
Total Range of Possible Points			30		22
TOTAL FUNDING RECOMMENDED (rounded to nearest hundreth):				\$	-

Project / Component Evaluation Criteria

Component No. 5: Pumping Optimization Investigation

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	1	<p>Was a description of the proposed Project or Component provided? Did it explain why this Project or Component was chosen over all others identified in the Plan in terms of benefits provided, communities served, measurable objectives, minimum thresholds, plan implementation timeline, and feasibility? If you feel a question component does not apply to your proposed project, please explain why it is not applicable. (Example “Measurable objective not applicable because project is planning only”.)</p> <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	2
General - Imp Only	2-Imp	<p>Does the Project or Component provide a description of quantifiable benefits? Was an explanation of the benefits that are expected to be realized from the Project or Component provided, along with how those benefits will be evaluated and quantified?</p> <ul style="list-style-type: none"> To obtain full points, 3 or more quantifiable benefits must be identified and fully supported with backup documentation. 	4	<p>4 - At least 3 quantifiable benefits with explanations and supporting documents 3 - Two quantifiable benefits with explanations and supporting documents 2 - Two quantifiable benefits lacking explanations and supportign documents 1 - One quantifiable benefit wtih explanations and supporting documents 0 - Benefits provided but are not explained or quantified</p>	0
General - Planning Only	2-Plan	<p>Does the Project Description describe a well-coordinated proposal including a GSP(s) that encompasses the entire basin or describes why a portion of the basin is not covered in the proposal? Does it describe how well the multiple GSA(s) surrounding and within the basin are working together?</p>	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	2
General	3	<p>Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?</p> <ul style="list-style-type: none"> To obtain full points, a minimum of three comment letters are required from the Underrepresented Communities. 	3	<p>3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project/Component 2 - Interested parties engaged/involved, but not included on decision-making committees 1 - Marginally addressed 0 - Not addressed</p>	2
General	4	<p>Was there a regional and Project map(s) depicting the site location, current conditions, and benefitting areas?</p> <ul style="list-style-type: none"> The information should be clear and easy to read. If not, the point will not be given. 	2	<p>2 - Provided and all necessary information provided 1 - Provided but missing some information 0 - Not provided</p>	2

Project / Component Evaluation Criteria

Component No. 5: Pumping Optimization Investigation

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	5	Does the project benefit an Underrepresented Community (-ies)? Was there a map(s) depicting the Underrepresented Community (-ies) that the project will benefit? Does the project benefit an SDAC? Was there a map(s) depicting the SDAC(s) that the project will benefit? Please provide the amount of funding that will benefit both the Underrepresented Community and SDAC. <ul style="list-style-type: none"> No points will be given if a map(s) is not provided. 	3	3 - Projects benefits an SDAC(s) 2 - Project benefits Underrepresented Community 1 - Project partially benefits either 0 - Project does not benefit either	1
General	6	Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? Was justification such as domestic well census results, water system maps, service area maps, etc. provided? Does the Project or Component help address the needs of the State Water Board's SAFER Program?	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	2
General	7	How does the proposed Project or Component address the Human Right to Water (AB 685 Section 106.3)? How will the Project or Component support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	4	4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed	2
Scope of Work	8	Did the proposal provide a description of the tasks/subtasks that will be completed as part of this grant Project? <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	3
Budget	9	Is a budget summary table provided? Is the budget reasonable for the project? Is the budget table tasks/subtasks provided in the scope of work coincide with the tasks/subtasks in the budget and schedule tables? Is local cost share included (minimum of 5%)? Local cost share may include costs expended on projects before grant agreement date. <ul style="list-style-type: none"> Local cost share is not required but necessary to obtain full points. 	3	3 - Local cost share is provided, and budget is consistent and feasible 2 - Budget is consistent and feasible 1 - Budget is consistent but not feasible 0 - Not consistent and feasible	3
Schedule	10	Is the tasks/subtask in the schedule table consistent with those listed in the budget table and within the description in the application? Is the schedule feasible?	1	1 - Consistent and feasible 0 - Not consistent and feasible	1
Total Range of Possible Points			30		20
TOTAL FUNDING RECOMMENDED (rounded to nearest hundreth):				\$	-

Project / Component Evaluation Criteria

Component No. 6: Conservation Feasibility Study

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	1	<p>Was a description of the proposed Project or Component provided? Did it explain why this Project or Component was chosen over all others identified in the Plan in terms of benefits provided, communities served, measurable objectives, minimum thresholds, plan implementation timeline, and feasibility? If you feel a question component does not apply to your proposed project, please explain why it is not applicable. (Example “Measurable objective not applicable because project is planning only”.)</p> <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	2
General - Imp Only	2-Imp	<p>Does the Project or Component provide a description of quantifiable benefits? Was an explanation of the benefits that are expected to be realized from the Project or Component provided, along with how those benefits will be evaluated and quantified?</p> <ul style="list-style-type: none"> To obtain full points, 3 or more quantifiable benefits must be identified and fully supported with backup documentation. 	4	<p>4 - At least 3 quantifiable benefits with explanations and supporting documents 3 - Two quantifiable benefits with explanations and supporting documents 2 - Two quantifiable benefits lacking explanations and supportign documents 1 - One quantifiable benefit wtih explanations and supporting documents 0 - Benefits provided but are not explained or quantified</p>	0
General - Planning Only	2-Plan	<p>Does the Project Description describe a well-coordinated proposal including a GSP(s) that encompasses the entire basin or describes why a portion of the basin is not covered in the proposal? Does it describe how well the multiple GSA(s) surrounding and within the basin are working together?</p>	4	<p>4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed</p>	4
General	3	<p>Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?</p> <ul style="list-style-type: none"> To obtain full points, a minimum of three comment letters are required from the Underrepresented Communities. 	3	<p>3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project/Component 2 - Interested parties engaged/involved, but not included on decision-making committees 1 - Marginally addressed 0 - Not addressed</p>	3
General	4	<p>Was there a regional and Project map(s) depicting the site location, current conditions, and benefitting areas?</p> <ul style="list-style-type: none"> The information should be clear and easy to read. If not, the point will not be given. 	2	<p>2 - Provided and all necessary information provided 1 - Provided but missing some information 0 - Not provided</p>	0

Project / Component Evaluation Criteria

Component No. 6: Conservation Feasibility Study

Section Name	Q#	Questions	Possible Points	Scoring Guidance	Actual Points
General	5	Does the project benefit an Underrepresented Community (-ies)? Was there a map(s) depicting the Underrepresented Community (-ies) that the project will benefit? Does the project benefit an SDAC? Was there a map(s) depicting the SDAC(s) that the project will benefit? Please provide the amount of funding that will benefit both the Underrepresented Community and SDAC. <ul style="list-style-type: none"> No points will be given if a map(s) is not provided. 	3	3 - Projects benefits an SDAC(s) 2 - Project benefits Underrepresented Community 1 - Project partially benefits either 0 - Project does not benefit either	1
General	6	Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? Was justification such as domestic well census results, water system maps, service area maps, etc. provided? Does the Project or Component help address the needs of the State Water Board’s SAFER Program?	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	3
General	7	How does the proposed Project or Component address the Human Right to Water (AB 685 Section 106.3)? How will the Project or Component support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	4	4 - Fully addressed 3 - Mostly addressed, with minor details not included or unclear 2 - Mostly addressed, with significant details missing or unclear 1 - Marginally addressed 0 - Not addressed	3
Scope of Work	8	Did the proposal provide a description of the tasks/subtasks that will be completed as part of this grant Project? <ul style="list-style-type: none"> No funds will be awarded without clear justification for the proposed tasks/subtasks. 	3	3 - Fully addressed 2 - Mostly addressed, with minor details not included or unclear 1 - Marginally addressed 0 - Not addressed	3
Budget	9	Is a budget summary table provided? Is the budget reasonable for the project? Is the budget table tasks/subtasks provided in the scope of work coincide with the tasks/subtasks in the budget and schedule tables? Is local cost share included (minimum of 5%)? Local cost share may include costs expended on projects before grant agreement date. <ul style="list-style-type: none"> Local cost share is not required but necessary to obtain full points. 	3	3 - Local cost share is provided, and budget is consistent and feasible 2 - Budget is consistent and feasible 1 - Budget is consistent but not feasible 0 - Not consistent and feasible	3
Schedule	10	Is the tasks/subtask in the schedule table consistent with those listed in the budget table and within the description in the application? Is the schedule feasible?	1	1 - Consistent and feasible 0 - Not consistent and feasible	1
Total Range of Possible Points			30		23
TOTAL FUNDING RECOMMENDED (rounded to nearest hundreth):				\$	-

Attachment A
Indian Wells Valley Groundwater Authority
SGM Grant Program SGMA Implementation Projects Funding Round 1
Project Review Committee Process and Methodology

The applicant must use the Scoring Criteria Excel file provided by DWR's Grant Manager and email the completed form as an attachment with the naming convention above within the same email as the Spending Plan. This attachment will contain copies of the completed scoring criteria for each component proposed for funding for the basin, a methodology of how components were ranked, an explanation of how review panels were formed, and a list of review panelists. If a question does not apply to a component, the score would be listed as "0" and the review committee will need to provide justification within the Spending Plan if the applicant is still wanting to bring that component forward for funding. This is a required attachment.

Pursuant to its By-laws, the Indian Wells Valley Groundwater Authority (Authority) established two (2) standing committees for the purpose of making recommendations to the Authority Board of Directors on the various activities of the Authority, including development and implementation of the Authority's Groundwater Sustainability Plan (GSP). The Authority's Technical Advisory Committee (TAC) provides interested parties in the Basin with a reasonable opportunity to review and conduct a thorough, informed evaluation of each technical element of GSP development and implementation, while the Policy Advisory Committee (PAC) advises the Board on all policy-related matters of the Board and to develop non-binding proposals on policy matters pertaining to the GSP. The TAC and the PAC were instrumental in providing the Authority's Water Resources Manager (WRM) with valuable technical and policy feedback for consideration during development of the Authority's GSP, and these committees continue providing feedback to the WRM and the Board during GSP implementation. As such, the Authority turned to these standing committees for the project review process required in the Proposal Solicitation Package (PSP) for the Department of Water Resources' (DWR) SGM Grant Program SGMA Implementation grant opportunity.

Current membership on the Authority's two standing committees is provided below:

TAC Membership		PAC Membership	
<u>Name</u>	<u>Representing</u>	<u>Name</u>	<u>Representing</u>
Eddy Teasdale	Large Agriculture	Edward Imsand	Large Agriculture
Don Quist	Small Agriculture	Patricia Quist	Small Agriculture
Michelle Anderson	Kern County Water Agency	David Janiec	Business Interests
Mallory Boyd	Business Interests	Renee Westa-Lusk	Residential Customers of Public Water Agency
Don Decker	Domestic Well Owners	Nick Panzer	Residential Customers of Public Water Agency
Steven Kourakos	District Wholesaler and Industrial User	West Katzenstein	Domestic Well Owner
Tim Parker **	Indian Wells Valley Water District	Lyle Fisher	Domestic Well Owner
Charlotte Baldwin **	Department of the Navy	Judie Decker	Eastern Kern County Resource Conservation District
		Camille Anderson	Wholesaler Industrial User
		Tim Carroll	Inyokern CSD (DACs)
		Don Zdeba **	Indian Wells Valley Water District
		Thomas Bickauskas **	Bureau of Land Management
		John Kersey **	Department of the Navy
		Lorelei Oviatt **	County of Kern

**** Non-voting Members**

The project review process consisted of a two-phase review of projects. Under the Phase I review, Authority Staff prepared preliminary project listings and scorings for review and comment from the two standing committees. The committee members' comments and feedback would be reviewed and considered by Authority Staff for revision to the project listings and scorings. Under the Phase II review, Authority Staff would

present the revised project listings and scorings to the Authority Board of Directors for discussion and action on project priorities for recommended grant funding. (The Authority's Board of Directors consists of one representative from each entity within the Authority/GSA.) Between the Phase I review and the Phase II review, Authority Staff would prepare the other necessary application materials for submission to DWR. It should be noted that the Capitol Core Group, an Authority consultant, discussed this two-phase review process with DWR SGM staff, and DWR SGM staff determined that this process meets the requirements of the final PSP.

Phase I of the project review process began in November 2021. Authority Staff developed a list of current and expected projects that could be sufficiently completed within the grant period (i.e. through June 30, 2025) and prepared preliminary scoring tables for each of the proposed projects. The scoring tables were obtained from the DWR draft PSP dated October 2021 but have since been updated per release of the final PSP dated December 2021. The Authority's WRM distributed the project listing and preliminary scoring tables (as well as other supplemental documents to assist in review) to the TAC and PAC members via email on November 29, 2021. The WRM requested that all comments and feedback be provided to the WRM no later than December 15, 2021, due to the prior application schedule for the Round 1 funding opportunity. Comments were received by the committee members listed below, and their comments are included within Attachment A:

- Nick Panzer (PAC Member)
- Judie Decker (PAC Member)
- David Janiec (PAC Member)
- Don Zdeba (PAC Member, on behalf of Indian Wells Valley Water District)

It should be noted that the preliminary project listing was revised after distribution to the TAC and PAC to incorporate feedback from the U.S. Navy representative on the Authority's Board of Directors suggesting that a conservation feasibility study be added to the project listing.

[Add summary of Board meeting discussions and direction]

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1\Application Materials\AttA_Project Review Committee Process.docx

Preliminary Project Scoring Tables

(distributed to IWVGA TAC & PAC members on November 29, 2021)

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	4	<p>The IWVGA's GSP determined that even with measures to significantly reduce current pumping, Basin sustainability cannot be achieved without an imported water supply. Project No. 1 represents the initial steps (i.e. final project selection, design, permitting, environmental compliance, and coordination of delivery terms) for constructing new water delivery facilities to convey new purchased imported water supplies to the Basin. The new water delivery facilities will provide the Basin with a source of supplemental water supply that will either directly meet demands above the estimated Basin sustainable yield or replace via recharge groundwater that is produced in excess of the sustainable yield.</p> <p>Project No. 1 is designated as a very high priority project because the IWVGA views mitigation of Basin overdraft as the highest priority for GSP implementation and has stated in its GSP that a reasonable quantity of overdraft will be allowed to occur during GSP implementation until supplemental (i.e. imported) water supplies are acquired. The results of the GSP modeling Scenario 6.2 indicated that acquiring imported water supplies would stabilize groundwater levels, particularly for existing shallow domestic wells, and reduce the ongoing loss of groundwater in storage. Without a supplemental imported water supply, the Basin's current groundwater infrastructure would be unable to produce needed groundwater by 2065. Project No. 1 maintains its very high priority because the IWVGA has already pursued the purchase of permanent water supplies outside of the Basin by coordinating with potential water sellers and adopting a Replenishment Fee to fund the water purchase.</p>
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	4	<p>Funding of Project No. 1 would provide the following benefits: (1) Mitigation and reduction of Basin overdraft; (2) Potential increase in future Basin sustainable yield; and (3) Enhanced water supply reliability.</p> <p>Additionally, Project No. 1 aligns with the following Program Preferences defined in the October 2021 Funding Guidelines: (1) Projects that directly benefit SDACs.</p> <p>After construction of the new conveyance facilities and imported water deliveries commence, project benefits will be evaluated and quantified with water level and water quality data collected through the ongoing GSP monitoring network. Water level and water quality trends will be evaluated before and after deliveries commence to quantify impacts of imported water supplies to Basin groundwater level and TDS conditions. If deliveries are provided to water users for direct use, these benefits may also be quantified through a review and analysis of total annual groundwater pumping compared to historic pumping.</p>
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	3	<p>The goals and objectives of Project No. 1 are to minimize current and future undesirable results that have and will occur due to prolonged Basin overdraft conditions. Specifically, the proposed Project No. 1 will provide the IWVGA with the opportunity to deliver supplemental water supplies that will reduce the loss of groundwater in storage, the degradation of water quality, and the chronic lowering of groundwater levels, culminating in an overall reduction of impacts to shallow domestic wells in the Basin. Project No. 1 also aligns with the sustainability goal in the IWVGA's GSP: Securing imported water supplies for the Basin will contribute to the sustainable management and preservation of the Basin, the local communities, qualities of life for Basin residents, and the mission at the Naval Air Weapons Station China Lake.</p>

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	<p>Project No. 1 does not yet have a defined location, as final project selection will be performed as part of the scope of work. The benefitting area of Project No. 1 is anticipated to include the entire Basin boundaries, with the exception of the El Paso area.</p> <p>Project maps of potential water delivery facility locations will be prepared and distributed prior to Board consideration of the Spending Plan.</p>
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	3	<p>Figures of Underrepresented Communities in the Basin are provided separately. According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Project No. 1 will lead to the construction of water delivery facilities that will enhance water supply reliability for Underrepresented Communities (including Severely Disadvantaged Communities) in the Basin. Water supply reliability may be enhanced by either delivering potable supplies to directly reduce pumping demands or by recharging non-potable supplies into the aquifer to prevent future declining of groundwater levels and protect URC/SDAC domestic wells.</p>
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	2	<p>The SWRCB's Safe and Affordable Funding for Equity and Resilience (SAFER) Program creates funds that assist in providing safe drinking water to every California community. SAFER funds help water systems provide a safe, accessible, and affordable supply of drinking water to communities in both the near and long terms by accelerating implementation of short- and long-term drinking water solutions, moving water systems to more efficient modes of operation, providing short-term operation and maintenance support as a bridge until long-term sustainable solutions are in place, and providing long-term operation and maintenance support when necessary.</p> <p>Before SGMA, small water system and domestic wells in the IWV Basin had experienced chronic declining water levels for multiple decades. These wells have also experienced degraded water quality because previous Basin mining practices have caused the migration of poor-quality groundwater (in terms of TDS) to areas with previously high-quality groundwater. Project No. 1 will result in either direct delivery or recharge of supplemental water supplies, preventing future water level declines. Project No. 1 will also result in reduction of unreasonable water quality degradation and/or improving water quality conditions.</p> <p>Water producers in the basin have been able to mine the basin to meet water demands; however, this practice has resulted in a chronic decline in groundwater levels and reduction of groundwater in storage and if left unmanaged, will seriously impact groundwater producers' ability to supply potable water. URCs overlying the Basin are particularly susceptible to adverse effects resulting from chronic lowering of groundwater levels because many residents in Underrepresented Communities rely on shallow, domestic wells in the Basin. Accordingly, mitigating the chronic lowering of groundwater levels through implementation of the GSP is an urgent requirement to ensure that shallow, domestic wells (particularly in Underrepresented Communities) maintain their access to drinking water supplies, in accordance with the State Water Board's Safe and Affordable Funding for Equity and Resilience (SAFER) Program.</p>

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	3	<p>Under the Human Right to Water (codified as California Water Code Section 106.3), the SWRCB commits to developing new systems or enhancing existing systems to collect data and identify/track communities that do not have, or are at risk of not having, safe, clean, affordable, and accessible water for these purposes. In doing so, the SWRCB works to to preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.</p> <p>The current estimated safe yield of the Basin does not support current groundwater demands. It is infeasible for the IWW community to make immediate reductions in demands to the current sustainable yield without extreme lifestyle changes, alterations to the character of the community, loss of livelihoods, and great financial costs, among other negative impacts. Without a supplemental water supply, the Basin's current groundwater infrastructure would be unable to produce needed groundwater by 2065. Project No. 1 aligns with the Human Right to Water in that it will culminate in design, permitting, and environmental compliance for infrastructure that will deliver a supplemental water supply to the Basin to directly meet future municipal and domestic drinking water demands.</p>
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable.
			0-23			
				Total Score for Questions 1 – 8	21	

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	4	<p>The City of Ridgecrest, a member agency of the IWVGA, is actively planning and designing a new wastewater treatment facility (WWTF) to provide secondary treatment to wastewater flowing from the City of Ridgecrest and the Naval Air Weapons Station China Lake. The City has encouraged water users in the Basin to develop new beneficial uses of WWTF effluent (i.e. recycled water) to the greatest extent possible pursuant to the IWVGA's GSP, and the IWVGA has assumed responsibility for evaluating beneficial uses of recycled water in the Basin, designing new recycled water treatment and conveyance facilities adjacent to the City's new WWTF, and overseeing the permitting and environmental compliance process for a recycled water project(s). The IWVGA has begun preparing an analysis of recycled water beneficial use alternatives and plans to complete this analysis prior to the grant period. The analysis will serve as a basis for preliminary design and permitting for the IWVGA's recycled water project.</p> <p>Project No. 2 will consist in part of design and construction of the City's new secondary WWTF. Project No. 2 will also consist of design, permitting, environmental compliance, and project management of the IWVGA's recycled water project. The new recycled water supply generated through Project No. 2 will provide the Basin with a supplemental water supply that will offset groundwater demands above the estimated Basin sustainable yield through either direct non-potable use or groundwater replenishment.</p> <p>Project No. 2 is designated as a very high priority project because the IWVGA views mitigation of Basin overdraft as the highest priority for GSP implementation and has stated in its GSP that a reasonable quantity of overdraft will be allowed to occur during GSP implementation until supplemental (i.e. recycled) water supplies are acquired. The results of the GSP modeling Scenario 6.2 indicated that producing recycled water supplies for beneficial use would significantly contribute to stabilization of groundwater levels, particularly for existing shallow domestic wells, and reduction of the ongoing loss of groundwater in storage. Without the self-sufficient use of recycled water supplies, the Basin would face substantially higher demands for imported water, and therefore higher costs to bring imported water supplies to the Basin. The very high priority of Project No. 2 is maintained because the City and IWVGA have both already taken steps towards planning, designing, and constructing new facilities that will result in generation of a new recycled water supply for the Basin.</p>
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	4	<p>Funding of Project No. 2 would provide the following benefits: (1) Mitigation and reduction of Basin overdraft; (2) Potential increase in future Basin sustainable yield; (3) Enhanced water supply reliability; (4) Increased and enhanced beneficial use of local water supplies; and (5) Upgrade and/or expansion of a wastewater treatment facility to augment local water demands through future beneficial use of recycled water.</p> <p>Additionally, Project No. 2 aligns with the following Program Preferences defined in the October 2021 Funding Guidelines: (1) Projects that directly benefit SDACs; (2) Efficient use of water supplies; and (3) Use of recycled water.</p> <p>After construction of the new recycled water facilities and beneficial uses commence, project benefits will be evaluated and quantified with water level and water quality data collected through the ongoing GSP monitoring network. Water level and water quality trends will be evaluated before and after beneficial uses commence to quantify the impacts of recycled water applications to Basin groundwater level and TDS conditions. If recycled water is provided to water users for direct non-potable use, these benefits may also be quantified through a review and analysis of total annual groundwater pumping compared to historic pumping.</p>

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	3	The goals and objectives of Project No. 2 are to minimize current and future undesirable results that have and will occur due to prolonged Basin overdraft conditions. Specifically, the proposed Project No. 2 will provide the City and the IWVGA with the opportunity to produce new recycled water supplies that will reduce the loss of groundwater in storage, the degradation of water quality, and the chronic lowering of groundwater levels, culminating in an overall reduction of impacts to shallow domestic wells in the Basin. Project No. 2 also aligns with the sustainability goal in the IWVGA's GSP: Generating new recycled water supplies will substantially reduce imported water costs and therefore contribute to the economic preservation of the Basin, the local communities, and qualities of life for Basin residents.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	<p>The location of Project No. 2 is defined as the City's existing wastewater treatment facility located in northeastern City limits, as well as the adjacent parcels in which additional treatment and delivery facilities may need to be located. The benefitting area of Project No. 2 is anticipated to include the entire Basin boundaries, with the exception of the El Paso area.</p> <p>Project maps of potential facility locations will be prepared and distributed prior to Board consideration of the Spending Plan.</p>
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	3	Figures of Underrepresented Communities in the Basin are provided separately. According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Project No. 2 will lead to the construction of treatment and recycled water conveyance/use infrastructure that will enhance water supply reliability for Underrepresented Communities (including Severely Disadvantaged Communities) in the Basin. Water supply reliability may be enhanced by either delivering recycled water to water users for direct non-potable uses to reduce pumping demands or by replenishing the aquifer with recycled water to prevent future declining of groundwater levels and protect URC/SDAC domestic wells.

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	2	<p>The SWRCB's Safe and Affordable Funding for Equity and Resilience (SAFER) Program creates funds that assist in providing safe drinking water to every California community. SAFER funds help water systems provide a safe, accessible, and affordable supply of drinking water to communities in both the near and long terms by accelerating implementation of short- and long-term drinking water solutions, moving water systems to more efficient modes of operation, providing short-term operation and maintenance support as a bridge until long-term sustainable solutions are in place, and providing long-term operation and maintenance support when necessary.</p> <p>Before SGMA, small water system and domestic wells in the IWV Basin had experienced chronic declining water levels for multiple decades. These wells have also experienced degraded water quality because previous Basin mining practices have caused the migration of poor-quality groundwater (in terms of TDS) to areas with previously high-quality groundwater. Project No. 2 will result in either direct non-potable use of recycled water or groundwater replenishment with recycled water, preventing future water level declines. Project No. 2 will also result in reduction of unreasonable water quality degradation and/or improving water quality conditions.</p> <p>Water producers in the basin have been able to mine the basin to meet water demands; however, this practice has resulted in a chronic decline in groundwater levels and reduction of groundwater in storage and if left unmanaged, will seriously impact groundwater producers' ability to supply potable water. URCs overlying the Basin are particularly susceptible to adverse effects resulting from chronic lowering of groundwater levels because many residents in Underrepresented Communities rely on shallow, domestic wells in the Basin. Accordingly, mitigating the chronic lowering of groundwater levels through implementation of the GSP is an urgent requirement to ensure that shallow, domestic wells (particularly in Underrepresented Communities) maintain their access to drinking water supplies, in accordance with the State Water Board's Safe and Affordable Funding for Equity and Resilience (SAFER) Program.</p>
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	3	<p>Under the Human Right to Water (codified as California Water Code Section 106.3), the SWRCB commits to developing new systems or enhancing existing systems to collect data and identify/track communities that do not have, or are at risk of not having, safe, clean, affordable, and accessible water for these purposes. In doing so, the SWRCB works to to preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.</p> <p>The current estimated safe yield of the Basin does not support current groundwater demands. It is infeasible for the IWV community to make immediate reductions in demands to the current sustainable yield without extreme lifestyle changes, alterations to the character of the community, loss of livelihoods, and great financial costs, among other negative impacts. Without a supplemental water supply, the Basin's current groundwater infrastructure would be unable to produce needed groundwater by 2065. Project No. 2 aligns with the Human Right to Water in that it will culminate in a new secondary WWTF for future production of recycled water supplies, as well as design, permitting, and environmental compliance for infrastructure for recycled water that will either directly offset groundwater demands. Project No. 2 also aligns with the Human Right to Water in that it will reduce costly imported water demands, ensuring that the financial impacts Basin residents from procuring imported water supplies may be minimized to the greatest extent possible.</p>
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable.

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
			0-23			
				Total Score for Questions 1 – 8	21	

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	3	<p>Project No. 3 will consist of completing three GSP Annual Reports (for Water Years 2021-22, 2022-23, and 2023-24) as well as the upcoming 5-Year GSP Update due in January 2025. These GSP reporting documents are essential for the IWVGA to report on current Basin conditions, report and re-evaluate its sustainable management criteria, and track its overall progress in implementing the GSP and achieving the GSP sustainability goal.</p> <p>Though not as highly prioritized as Projects No. 1 & No. 2, Project No. 3 still carries a high priority over other projects because the project represents mandatory state reporting requirements pursuant to SGMA.</p>
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	1	<p>Funding of Project No. 3 would provide the following benefits: (1) Reduced financial impact of GSP implementation on the general public and URCS.</p> <p>Previous annual reports have been funded through the IWVGA's extraction fee adopted under California Water Code Section 10730. Potential grant funding for upcoming annual reports and the 5-Year GSP Update would lessen the financial impact of GSP implementation tasks on the general public and URCS.</p>
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	3	<p>The goals and objectives of Project No. 3 are to fulfill SGMA GSP reporting requirements throughout the grant period. The project will meet these goals by collecting the necessary data and progress updates to complete these reporting documents.</p>
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	0	<p>Annual GSP reporting represents data gathering and technical writing rather than a project with a specific site location and physical conditions.</p>

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	<p>Figures of Underrepresented Communities in the Basin are provided separately. According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Previous annual reports have been funded through the IWVGA's extraction fee adopted under California Water Code Section 10730. Potential grant funding for upcoming annual reports and the 5-Year GSP Update would lessen the financial impact of GSP implementation tasks on URCs within the Basin.</p>
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	<p>The SWRCB's Safe and Affordable Funding for Equity and Resilience (SAFER) Program creates funds that assist in providing safe drinking water to every California community. SAFER funds help water systems provide a safe, accessible, and affordable supply of drinking water to communities in both the near and long terms by accelerating implementation of short- and long-term drinking water solutions, moving water systems to more efficient modes of operation, providing short-term operation and maintenance support as a bridge until long-term sustainable solutions are in place, and providing long-term operation and maintenance support when necessary.</p> <p>Previous annual reports have been funded through the IWVGA's extraction fee adopted under California Water Code Section 10730. Potential grant funding for upcoming annual reports and the 5-Year GSP Update would lessen the financial impact of GSP implementation tasks on small water systems within the Basin, as these systems are currently subject to the IWVGA's extraction fee adopted under California Water Code Section 10730. Private domestic well owners are currently not subject to the IWVGA's extraction fee, so Project No. 3 will not benefit those well owners.</p>
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	0	<p>Under the Human Right to Water (codified as California Water Code Section 106.3), the SWRCB commits to developing new systems or enhancing existing systems to collect data and identify/track communities that do not have, or are at risk of not having, safe, clean, affordable, and accessible water for these purposes. In doing so, the SWRCB works to to preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.</p> <p>Project No. 3 will ensure that the IWVGA adheres to the annual and 5-year reporting requirements of SGMA, but the project does not directly address the Human Right to Water.</p>

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable.
			0-23			
				Total Score for Questions 1 – 8	9	

Project No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	2	<p>Project No. 4 consists of an effort to fill data gaps that were identified in the IWVGA's GSP. These data gaps include Groundwater Dependent Ecosystems (GDEs); aquifer properties in the northwest, southwest, southeast, and El Paso areas of the Basin; subsurface inflow and outflow; water quality near the northwest Basin area; definable Basin bottom; and estimates of domestic/de minimis water use. The filled data gaps will be used to assist in calibration and update of the Basin's numerical model for future use, particularly for the 5-Year GSP Update due in January 2025. Project No. 4 is designated as a moderate priority project because the anticipated benefits do not directly address overdraft conditions; rather, they represent data gap analysis that will better inform Basin sustainable management during the SGMA planning and implementation horizon, and particularly for the upcoming 5-Year GSP Update due in January 2025</p>
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	2	<p>Funding of Project No. 4 would provide the following benefits: (1) Address data gaps for model calibration and greater understanding of Basin hydrologic and hydrogeologic conditions; and (2) Allow for greater ability to assess whether the Basin is being sustainably managed.</p>
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	2	<p>The goals and objectives of Project No. 4 are to refine the existing GSP monitoring network, update the existing Basin numerical model, and revisit/refine the basin setting assumptions made in the GSP. These goals/objectives/needs will be met by collecting additional hydrologic and hydrogeologic data to better inform local understanding of the Basin and address data gaps in the GSP monitoring network and numerical model.</p>
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	<p>The locations of Project No. 4 will include the tentative locations of GDE monitoring, aquifer tests, and new monitoring wells. Project No. 4 is not anticipated to have a direct/physical benefitting area as the project goal is to address data gaps, but the Basin overall will benefit from more informed sustainable groundwater management as a result of addressing these data gaps.</p> <p>Maps of tentative locations of GDE monitoring locations, aquifer test locations, new monitoring wells, and current estimated locations of domestic/de minimis wells will be prepared and distributed prior to Board consideration of the Spending Plan.</p>

Project No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	<p>Figures of Underrepresented Communities in the Basin are provided separately. According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Previous data gap efforts have been funded through the non-IWVGA funding, such as DWR's Technical Support Services program and the Navy-Coso Royalty Fund. Without those external funding sources, those efforts would need to be funded through the IWVGA's extraction fee adopted under California Water Code Section 10730. Potential grant funding for the data gap efforts in the proposed Project No. 4 will lessen the financial impact of GSP implementation tasks on URCs within the Basin.</p>
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	<p>The SWRCB's Safe and Affordable Funding for Equity and Resilience (SAFER) Program creates funds that assist in providing safe drinking water to every California community. SAFER funds help water systems provide a safe, accessible, and affordable supply of drinking water to communities in both the near and long terms by accelerating implementation of short- and long-term drinking water solutions, moving water systems to more efficient modes of operation, providing short-term operation and maintenance support as a bridge until long-term sustainable solutions are in place, and providing long-term operation and maintenance support when necessary.</p> <p>Previous data gap efforts have been funded through the non-IWVGA funding, such as DWR's Technical Support Services program and the Navy-Coso Royalty Fund. Without those external funding sources, those efforts would need to be funded through the IWVGA's extraction fee adopted under California Water Code Section 10730. Potential grant funding for Project No. 4 would lessen the financial impact of data gap efforts on small water systems within the Basin, as these systems are currently subject to the IWVGA's extraction fee adopted under California Water Code Section 10730. Private domestic well owners are currently not subject to the IWVGA's extraction fee, so Project No. 4 will not benefit those well owners.</p>
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	0	<p>Under the Human Right to Water (codified as California Water Code Section 106.3), the SWRCB commits to developing new systems or enhancing existing systems to collect data and identify/track communities that do not have, or are at risk of not having, safe, clean, affordable, and accessible water for these purposes. In doing so, the SWRCB works to to preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.</p> <p>Project No. 4 will ensure that the IWVGA remains committed to filling data gaps and maintaining a comprehensive understanding of the Basin's hydrogeologic conditions, but the project does not address the Human Right to Water.</p>

Project No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable.
			0-23			
				Total Score for Questions 1 – 8	10	

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	3	Project No. 5 will consist of an exploratory effort and feasibility-level investigation within the El Paso subbasin area, which is hydrogeologically disconnected from the main part of the Basin. The project will include drilling deep exploratory wells and other surface geophysical methods to identify depth-to-water conditions, estimate the quantity of water available in the subbasin area, and estimate the annual recharge rate in the area. The project will also include obtaining and evaluating historic seismic line data. Project No. 5 is designated as a high priority project because although the anticipated benefits may not be achieved for several years due to the project's current status (i.e. in the phase of investigative and feasibility-level analysis), the El Paso subbasin may represent a potentially new water supply that could reduce pumping in areas experiencing undesirable results.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	4	If it is determined that the El Paso subbasin area may provide new water to the Basin, funding of Project No. 5 may provide the following benefits: (1) Increased and enhanced beneficial use of local water supplies; (2) Increase sustainable yield; (3) Reduced dependence on imported water; (4) Mitigation and reduction of Basin overdraft; and (5) Increased water supply reliability. However, the extent to which these benefits may be achieved are dependent on the results of the investigation and feasibility study.
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	3	The primary goal/objective of Project No. 5 is to investigate all opportunities within the Basin to sustainably maximize use of local water supplies and minimize reliance on imported water to the greatest extent possible. Project No. 5 will meet this goal/objective by furnishing an investigative technical review of the El Paso subbasin and its viability as a potentially new water supply for the Basin.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	1	Project No. 5 represents data gathering, evaluation/review, and technical writing rather than a project with a specific site location and physical conditions. The benefitting area of Project No. 5 is anticipated to include the areas from which pumping may be relocated, as those areas will likely experience recovering water levels as a result of reduced pumping. Maps of tentative locations of exploratory wells will be prepared (in coordination with the Indian Wells Valley Water District staff) and distributed prior to Board consideration of the Spending Plan.

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	<p>Project No. 5 will result in a comprehensive investigation of water supply opportunities in the El Paso area, which is hydrogeologically disconnected from the main part of the Basin. The results of the investigation will document whether existing water supplies in the El Paso area may serve as a more feasible and cost-effective supplemental water supply compared to imported and recycled water. Consequently, Project No. 5 may benefit URCs and SDACs in the Basin at a future time if the investigation concludes that new water supplies in the El Paso area are feasible to extract and more cost-effective than acquiring new imported or generating recycled water.</p>
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	<p>The SWRCB's Safe and Affordable Funding for Equity and Resilience (SAFER) Program creates funds that assist in providing safe drinking water to every California community. SAFER funds help water systems provide a safe, accessible, and affordable supply of drinking water to communities in both the near and long terms by accelerating implementation of short- and long-term drinking water solutions, moving water systems to more efficient modes of operation, providing short-term operation and maintenance support as a bridge until long-term sustainable solutions are in place, and providing long-term operation and maintenance support when necessary.</p> <p>Project No. 5 will result in a comprehensive investigation of water supply opportunities in the El Paso area, which is hydrogeologically disconnected from the main part of the Basin. The results of the investigation will document whether existing water supplies in the El Paso area may serve as a more feasible and cost-effective supplemental water supply compared to imported and recycled water. Consequently, Project No. 5 may benefit small water systems and private shallow domestic wells at a future time if the investigation concludes that new water supplies in the El Paso area are feasible to extract and more cost-effective than acquiring new imported or generating recycled water.</p>
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	2	<p>Under the Human Right to Water (codified as California Water Code Section 106.3), the SWRCB commits to developing new systems or enhancing existing systems to collect data and identify/track communities that do not have, or are at risk of not having, safe, clean, affordable, and accessible water for these purposes. In doing so, the SWRCB works to to preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.</p> <p>Project No. 5 will result in a comprehensive investigation of water supply opportunities in the El Paso area, which is hydrogeologically disconnected from the main part of the Basin. The results of the investigation will document whether existing water supplies in the El Paso area may serve as a more feasible and cost-effective supplemental water supply compared to imported and recycled water. Consequently, Project No. 5 addresses the Human Right to Water in that it supports an evaluation of all potential cost-effective sources of supplemental water supplies for Basin users.</p>

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable.
			0-23			
				Total Score for Questions 1 – 8	15	

Comments Received from Judie Decker

PAC Representative

Eastern Kern County Resource Conservation District

To Stetson Engineers

From Judie Decker, Eastern Kern County Resource Conservation district, PAC representative

Date December 17,2021

Subject: Application for grant funds from DWR , Basin 6-54

It is admirable that Stetson is applying for DWR funds for the Indian Wells Valley, Basin 6-54. In reading the documents I find I have many questions. The first question is who is "the GA Staff"? This question leads to the question that I have asked publicly at GA Board meetings several times: who decides which issues will be addressed and who will address them? Where is a plan of action that has an orderly chain of event?

The map provided in the email shows the IWV and the El Paso Basin. Superimposed on this map is an outline of "Disadvantaged communities" within Basin 6-54. Where did the boundaries for this economic delineation come from? There is no identification of this source of information on the map. What of the disadvantaged areas not shown on the map? What are the criteria for being identified as a disadvantaged community? What is the purpose of having a DAC map when none of the proposed projects address DACs directly?

The projects listed in the email to us are: Imported Water Interconnection Project; Wastewater Treatment and Recycled Water Project; Annual reporting for the years 2022, 2023; Data Gaps and Monitoring Wells in various areas of the main water basin; and a feasibility study of a water supply in the El Paso sub basin

To summarize my evaluation of the five proposed projects, the only project I can approve is the number 4 project regarding monitoring wells within the main basin. However, I offer many alternatives to this proposed project in order to make it totally **useful for a precise examination of the basin's groundwater supply.**

The imported water infrastructure project has potential but it is premature at this time and thus would receive a lower score. See detailed comments

I consider the Annual Plan as necessary. It is a requirement of SGMA. I give it a medium score

The other projects receive a very low score . They are either unnecessary or should be under the purview of other agencies such as the City and the IWVWD. The Wastewater project is a City responsibility. They are finally starting to work with the Water District on this long needed project.

The El Paso subbasin exploration project. Stetson has not yet given a comprehensive evaluation of the findings learned from the drilling of the State funded monitoring well EP1. Considering all the items that are more important this project gets the lowest score.

Imported Water Interconnection Project It is admirable that you have put this project in this proposal to be considered. However, do you think it is premature? At this point the GA Board has not decided where

and when imported water will be needed and more importantly where it will come from and how it will be delivered to this valley. Is there an assumption that it will come from DWP via their aqueduct ? Is there an assumption it will come from AVEK via the DWP aqueduct? Is there an assumption that the GA will build its own aqueduct? The assumptions just listed all have very different possibilities and costs associated with them. **How can Stetson apply for funds for an imported water interconnection project without knowing the details of the importation project?**

Wastewater and Recycled Water Project Isn't this to be a joint project between the IWWWD and the City of Ridgecrest? Shouldn't they be the entities deciding the issues on this proposed ? It is obvious that the most beneficial use of this water is for the health and safety of the residents of this valley. Our water shortfall has been in existence so long and is so severe that any reclaimed water needs to be put to the highest beneficial use that is economically feasible.

I am wondering how the Annual Report to the State DWR can be on this list. I understood that this report was a requirement under SGMA. Obviously it is necessary not only for the State DWR but also for the IWWGA itself and the stakeholders who have a vital stake in the game.

El Paso Sub-basin exploration is ranked last on the list of proposed projects. The results of the exploratory well EP1 have been ignored and have not been publicly presented to the GA Board. This was a \$1million well paid for by the State taxpayers.

A **systematic approach** to further exploration of the physical conditions of the IWW main water basin needs to be developed. Under this one could then develop several projects that would add to the knowledge of the basin. Here are a few of them: I agree that monitoring wells in the northwest are needed. In fact, I thought they had already been planned and confirmed. Another vital project is to discover the boundaries of the actual water basin. The "Old Inyo Well" in the Southwest and "the Bucket Well" in the southeast are both dry. These wells need to be replaced close to their current locations.

Another issue to explore that is very important is the location of the actual hydrologic boundary of the basin both for water availability and water quality. Local people know, for instance, that there is no longer potable water in the Southeast or South part of the Valley. If you would like specifics they can be provided. There is no longer potable water in the Eastern part of the Valley either. Those residents who live in the San Bernardino County portion of this valley joined the IWWWD almost 40 years ago because their well water became non potable and difficult to pump.

Another Well monitoring project

Is to create uniform polygons to monitor the water in the main basin. I believe a high score could be given to the above suggestions for the proposal of having a goal to identify the potable water boundary of the basin and having areas of approximate equal size surrounding the monitoring wells.

Again, it is admirable that Stetson is vigilant in learning and proposing to apply for State grants . However, the really important item that is missing and has been missing since the completion of the GSP is a real **Plan** There are many proposed projects mentioned in the GSP. They need to be sorted out as

to which ones are the most important. That is which project will take the greatest steps to alleviate the water shortfall problem. Then each item needs to be ranked according to its cost to accomplish versus its benefit. Each project needs to be evaluated on its merits of feasibility and the time it will take to accomplish it.

The above paragraphs are written in a general way but they positively apply to the 5 projects listed in this email. Most of the projects are valuable but most of them have not been prioritized for importance in reaching sustainability, cost, or timeliness

Comments Received from Nick Panzer
PAC Representative
Residential Customers of Public Water Agency

From: Nick Panzer, PAC Member
To: Steve Johnson, Stetson Engineers, IWV/WRM
Cc: Joseph Montoya, Stetson Engineers
Subject: IWV Grant Application Scoring
Date: December 6, 2021

Steve

I believe that DWR will deny grants to GAs with GSPs that it finds inadequate or incomplete.
QUESTION: Does IWVGA Staff have solid indication from DWR that our GSP is on track for approval come January?

If YES, then put me down as concurring with Staff scores and justifications as they do consistently align with our GSP.

If NO, then I advise on policy grounds against further use of resources on grant applications at this time. The following items hint that DWR may find against the adequacy of our GSP:

- Control Board comment letter dated December 8, 2020 to DWR listing concerns with our GSP.

- DWR letter dated July 16, 2021 to GA and other interested parties advising that we “re-engage” to collaboratively solve our water problems.

- Two batches of “solicit consultation” letters sent by DWR to GAs with GSPs on track for disapproval if not amended, the most recent batch dated November 18, 2021. See, for example, the letter to Westside Subbasin, pages 7-11, which concern a failure to correctly apply or interpret SGMA regulations that relate to defining undesirable results.

Should DWR not unconditionally approve our GSP come January, then we should prioritize our time and resources on complying with SGMA, and hold off on grant applications until we satisfy the state that we have a SGMA compliant GSP.

Nick Panzer

XXXXXXXXXX

Dear Mr.

I believe that our GSP supports the Staff's Score and its Description and Justification of same. Therefore, I hereby align with both for purposes of submitting the grant application.

That said, I now offer unbidden my concerns not directly related to your request for personal scoring. I believe that DWR will not consider our grant application if it rules our GSP inadequate come January. Moreover, I believe it possible that DWR will so rule for failure to correctly apply or interpret its GSP Regulations in two main areas, a) definitions of undesirable results (e.g., see DWR November 18, 2021 "initiate consultation" letter to Westside Subbasin, pages 7-11), and b) reliance on unproven new water sources to sustainably manage groundwater.

Nick Panzer

Comments Received from Donald M. Zdeba
General Manager
Indian Wells Valley Water District

From: don.zdeba@iwwvd.com <don.zdeba@iwwvd.com>

Sent: Tuesday, November 30, 2021 7:40 AM

To: Steve Johnson

Subject: FW: DWR SGM Grant Program "Planning & Projects" Grant

Steve – Just sending my thoughts only to you. In my opinion a better approach to this would be for Stetson to present their project scoring and justification to each committee (as you have done) and have a discussion during a meeting to receive feedback. Having individuals evaluate and score a project list is not so simple a task, particularly for lay people not familiar with the grant application process. This may be something suitable for the TAC, but I'm not sure having the PAC go through this time consuming exercise is of value. And is this exercise really going to result in significant changes to what Stetson has already done? Also, the attached project list is missing some key elements that would assist with the evaluation and scoring process. There is no mention of a schedule, time required to complete, or cost estimate. These are factors that should be considered. I understand the desire for stakeholder involvement in the process, but I don't think this is the way to do that.

Don



Donald M. Zdeba

General Manager
Indian Wells Valley Water District
500 W. Ridgecrest Blvd
Ridgecrest, CA 93555
P: 760.384.5555 | F: 760.375.0167

**Comments Received from David Janiec
PAC Chairperson and Representative
Business Interests (China Lake Alliance)**

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 - Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 - High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 - Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 - Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 - Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	4	Concur with Preliminary Description and Justification. Project #1 clearly serves ALL communities in the basin and is the highest priority task to achieve sustainability in the basin.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 - Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 - Benefits provided, but are not explained or quantified. 	4	Concur with Preliminary Description and Justification.
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 - Project will meet all of its goals, objectives and needs. • 2 - Project will meet most of its goals, objectives and needs. • 1 - Project will meet some of its goals, objectives and needs. • 0 - Project will meet none of its goals, objectives and needs. 	3	Concur with Preliminary Description and Justification.

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	The Project does not have an exact location, but has been studied and narrowed down to two alternative routes which must be further evaluated and selected as a necessary subset of the overall Project #1.
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	3	Concur with Preliminary Description and Justification.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	2	Concur with Preliminary Description and Justification.

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 - Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 - Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 - Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 - Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	3	Concur with Preliminary Description and Justification.
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 - Contacted the CCC and using their services • 1 - Contacted the CCC, included response from CCC, but not using their services • 0 - Did not contact the CCC or does not demonstrate they were contacted 	NA	
			0-23			
				Total Score for Questions 1 - 8	21	

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. 	4	Concur with Preliminary Description and Justification.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	4	Concur with Preliminary Description and Justification.

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	3	Concur with Preliminary Description and Justification.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	Concur with Preliminary Description and Justification.
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	3	Concur with Preliminary Description and Justification.

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	2	Concur with Preliminary Description and Justification.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	3	Concur with Preliminary Description and Justification.
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	NA	

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
			0-23			
				Total Score for Questions 1 – 8	21	

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. 	3	Concur with Preliminary Description and Justification except regarding the relative importance in comparison to the GSP "gap filling" Projects #4 and #5. While mandatory state reporting requirements of SGMA MUST be completed, the gap filling projects defined in the GSP are necessary to gain the full confidence of all communities in the implementation of the GSP with the anticipated impact and costs.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	1	Concur with Preliminary Description and Justification.
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	3	vConcur with Preliminary Description and Justification.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	0	Concur with Preliminary Description and Justification.

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	Concur with Preliminary Description and Justification.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	Concur with Preliminary Description and Justification.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	0	Concur with Preliminary Description and Justification.

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 - Contacted the CCC and using their services • 1 - Contacted the CCC, included response from CCC, but not using their services • 0 - Did not contact the CCC or does not demonstrate they were contacted 	NA	
			0-23			
				Total Score for Questions 1 - 8	9	

Project No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 - Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 - High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 - Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 - Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 - Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	3	The gap filling projects defined in the GSP are necessary to gain the full confidence of all communities in the impementation of the GSP with the anticipated impact and costs.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 - Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 - Benefits provided, but are not explained or quantified. 	2	Concur with Preliminary Description and Justification.
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 - Project will meet all of its goals, objectives and needs. • 2 - Project will meet most of its goals, objectives and needs. • 1 - Project will meet some of its goals, objectives and needs. • 0 - Project will meet none of its goals, objectives and needs. 	2	Concur with Preliminary Description and Justification.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 - Project has a physical location with current conditions and a benefitting area. • 1 - Project has no physical location or current conditions but has a benefitting area. • 0 - Project has no physical location or current conditions, and has no benefitting area. 	2	Concur with Preliminary Description and Justification.

Project No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 - Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 - Project does not benefit either SDACs or Underrepresented Communities. 	1	Concur with Preliminary Description and Justification.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 - Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 - Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 - Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	Concur with Preliminary Description and Justification.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 - Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 - Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 - Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 - Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	0	Concur with Preliminary Description and Justification.

Project No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	NA	
			0-23			
				Total Score for Questions 1 – 8	11	

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. 	4	Concur with Preliminary Description and Justification with comment: This is perhaps the most critical gap filling project for maintaining public confidence across all communities in the GSP.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 - Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 - Benefits provided, but are not explained or quantified. 	4	Concur with Preliminary Description and Justification.
General	3	Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	3	<ul style="list-style-type: none"> • 3 – Project will meet all of its goals, objectives and needs. • 2 – Project will meet most of its goals, objectives and needs. • 1 – Project will meet some of its goals, objectives and needs. • 0 – Project will meet none of its goals, objectives and needs. 	3	Concur with Preliminary Description and Justification.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	1	Concur with Preliminary Description and Justification.

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	Concur with Preliminary Description and Justification.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	Concur with Preliminary Description and Justification.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	2	Concur with Preliminary Description and Justification.

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	NA	
			0-23			
				Total Score for Questions 1 – 8	16	

**Comments Received from
Indian Wells Valley Water District
Staff and Consultants**

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 - Very high priority due to significant benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 3 - High priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 2 - Moderate priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 1 - Low priority due to minimal benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 0 - Very low priority due to no benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. 	2	A detailed project description was not provided for review as outlined in Question #1 of the December 2021 PSP. The IWVGA determined that an imported water supply is the highest priority project for the basin. The IWVGA GSP does not appear to adequately address the significant uncertainty associated (1) acquiring the water rights, (2) paying the capital costs for the water rights and conveyance facilities, and (3) consistently receiving delivery of the water on annual basis forever into the future. Considering the uncertainty with the acquisition, feasibility in obtaining annual deliveries in the amount contracted for, implementation timeline, and other aspects of the proposed project water, we rank this (2), and not the highest priority for the basin. See the projects 2-6 for more explanation.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project. Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 - Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 - Benefits provided, but are not explained or quantified. 	2	<p>If the IWVGA is successful in acquiring imported water, project benefits are anticipated to include the following (from Page 5-15 of the IWVGA GSP):</p> <ul style="list-style-type: none"> •Reduction of loss of groundwater in storage when compared to current trends and baseline conditions; •Reduction of unreasonable and chronic lowering of groundwater levels with many areas of the IWVGB anticipated to show improved and rising groundwater levels; •Reduction of unreasonable water quality degradation and/or Improvement of water quality conditions; and •Reduction and/or prevention of land subsidence conditions. <p>If successful, Project No. 1 will benefit the entire basin and aligns with the following Program Preferences defined in the October 2021 Funding Guidelines: (1) Projects that directly benefit SDACs. However, the costs are highest of any possible project for consideration, and these costs are largely being passed along to the community, with only Inyokern CSD, Mutual water companies, and de minimis pumpers (private domestic well owners) currently not required to pay for the project.</p> <p>After construction of the new conveyance facilities and imported water deliveries commence, project benefits would be evaluated and quantified with water level and water quality data collected through the ongoing GSP monitoring network. Water level and water quality trends would be evaluated before and after deliveries commence to quantify impacts of imported water supplies to Basin groundwater level and TDS conditions. If deliveries are provided to water users for direct use, these benefits may also be quantified through a review and analysis of total annual groundwater pumping compared to historic pumping, along with evaluation of water level and water quality trends and TDS conditions.</p> <p>If the IWVGA is successful in acquiring imported water, the project goals, objectives and needs which are not stated in the GSP but are stated as follows in the IWVGA Scoring Table "minimize current and future undesirable results that have and will occur due to prolonged Basin overdraft conditions", would be met. However, since the project will rely on average annual deliveries to be consistently achieved year after year, we believe it is appropriate to consider that the project will meet most of its goals, objectives and needs</p>
General	3	Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?	3	<ul style="list-style-type: none"> • 3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project or Component. • 2 - Interested parties engaged/involved, but not included on decision-making committees. • 1 - Marginally addressed. • 0 - Not addressed. 	2	No Project or Component description is provided for the plan for outreach and engaging interested parties. Interested parties have been engaged through meetings of the IWVGA Board. The TAC and PAC were engaged during GSP preparation but have minimally been engaged since.

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	1	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	1	Project No. 1 does not yet have a defined location, as final project selection will be performed as part of the scope of work. The benefit area of Project No. 1 is anticipated to include the entire Basin boundaries, with the exception of the El Paso area.
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	3	Figures of Underrepresented Communities in the Basin are provided separately by the IWVGA. According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Project No. 1 will lead to the construction of water delivery facilities that will enhance water supply reliability for Underrepresented Communities (including Severely Disadvantaged Communities) in the Basin. Water supply reliability may be enhanced by either delivering potable supplies to directly reduce pumping demands or by recharging non-potable supplies into the aquifer to prevent future declining of groundwater levels and protect URC/SDAC domestic wells.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	The imported water project will <i>partially</i> provide positive impact on issues associated with small water systems and private domestic wells, and partially address the SAFER program in approximately 15 to 20 years. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	2	If successful, the imported water project will indirectly address the Human Right to Water (AB 685 Section 106.3), and support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes in approximately 15 to 20 years. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable per IWVGA.
			0-23			
				Total Score for Questions 1 – 8	13	

Project No. 1: Imported Water Interconnection Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
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Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. 	4	<p>A detailed project description was not provided for review as outlined in Question #1 of the December 2021 PSP. The City of Ridgecrest, a member agency of the IWVGA, is actively planning and designing a new wastewater treatment facility (WWTF) to provide secondary treatment to wastewater flowing from the City of Ridgecrest and the Naval Air Weapons Station China Lake. The City, IWVGA and Water District are trying to reach agreement regarding how to partner on the project and how it will be upgraded to tertiary and/or advanced treatment for full optimization of the recycled water available to the Basin.</p> <p>This is the highest priority project in the basin because it is new water that exists in the basin and can be optimally put to use relatively easily with existing tools and technologies, making it highly feasible and implementable, with a shorter term schedule than imported water. The Water District is the best positioned in terms of technical, administrative and financial resources to design and manage optimization of recycled water in the basin.</p>
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project. Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 - Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	4	<p>Project benefits are anticipated to include the following (from Page 5-26,27 of the IWVGA GSP):</p> <ul style="list-style-type: none"> •Reduction of loss of groundwater in storage when compared to current trends and baseline conditions; •Reduction of unreasonable and chronic lowering of groundwater levels with many areas of the IWVGB anticipated to show improved and rising groundwater levels; •Reduction of unreasonable water quality degradation and/or Improvement of water quality conditions; and •Reduction and/or prevention of land subsidence conditions. <p>After construction of the new recycled water facilities and deliveries commence, project benefits would be evaluated and quantified with water level and water quality data collected through the ongoing GSP monitoring network with some additional project-specific monitoring. Water level and water quality trends would be evaluated before and after deliveries commence to quantify impacts of imported water supplies to Basin groundwater level and TDS conditions. If deliveries are provided to water users for direct use, these benefits may also be quantified through a review and analysis of total annual groundwater pumping compared to historic pumping, along with location-specific evaluation of water level and water quality trends and TDS conditions.</p>

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	3	Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?	3	<ul style="list-style-type: none"> • 3 – Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project or Component. • 2 – Interested parties engaged/involved, but not included on decision-making committees. • 1 – Marginally addressed. • 0 – Not addressed. 	2	No Project or Component description is provided for the plan for outreach and engaging interested parties. Interested parties have been engaged through meetings of the IWVGA Board. The TAC and PAC were engaged during GSP preparation but have minimally been engaged since.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	The location of Project No. 2 is defined as the City's existing wastewater treatment facility located in northeastern City limits, as well as the adjacent parcels in which additional treatment and delivery facilities may need to be located. The benefit area of Project No. 2 is anticipated to include the entire Basin boundaries, with the exception of the El Paso area.
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	Figures of Underrepresented Communities in the Basin are provided separately by the IWVGA According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Project No. 2 will lead to the construction of new recycled water treatment and delivery facilities that will increase water supply and enhance water supply reliability for the entire basin, including providing partial benefits to Underrepresented Communities (including Severely Disadvantaged Communities) in the Basin.

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	The recycled water project will <i>partially</i> provide positive impact on issues associated with small water systems and private domestic wells, and partially address the SAFER program in approximately 10 to 15 years . The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	2	The recycled water project will <i>indirectly</i> address the Human Right to Water (AB 685 Section 106.3), and support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes in approximately 10 to 15 years, when the recycled water project is successfully implemented. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable per IWVGA.

Project No. 2: Wastewater Treatment Plant and Recycled Water Project

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
			0-23			
				Total Score for Questions 1 – 8	16	

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. 	1	A detailed project description was not provided for review as outlined in Question #1 of the December 2021 PSP. The GSP Annual Reporting and Five-Year updates are required under SGMA statute (California Water Code 10728, 10728.2, 10733.2, 10733.4, 10733.6, 10733.8, and 10737.4). However, the communities being served by the GSP and GSA are already paying fees that are supposed to cover the annual reporting and five-year updates.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project. Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	1	The communities being served by the GSP and GSA are already paying fees that are supposed to cover the annual reporting and five-year updates, so capital projects would provide higher quantifiable benefits than payments for annual reporting.
General	3	Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?	3	<ul style="list-style-type: none"> • 3 – Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project or Component. • 2 – Interested parties engaged/involved, but not included on decision-making committees. • 1 – Marginally addressed. • 0 – Not addressed. 	2	No Project or Component description is provided for the plan for outreach and engaging interested parties. Interested parties have been engaged through meetings of the IWVGA Board. The TAC and PAC were engaged during GSP preparation but have minimally been engaged since.
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	Project No. 3 involves improving the understanding through hydrogeologic technical analysis and reporting to the state on the entire IWV basin, which is the project location.

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	Figures of Underrepresented Communities in the Basin are provided separately by the IWVGA According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Project No. 3 involves improving the understanding through hydrogeologic technical analysis and reporting to the state on the entire IWV basin which includes partial benefits to Underrepresented Communities (including Severely Disadvantaged Communities) in the Basin.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	Project No. 3 will <i>partially</i> provide positive impact on issues associated with small water systems and private domestic wells, and partially address the SAFER program by periodically improving the understanding through hydrogeologic technical analysis and reporting. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	2	Project No. 3 will indirectly help address the Human Right to Water (AB 685 Section 106.3), and support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes by periodically improving the understanding through hydrogeologic technical analysis and reporting. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.

Project No. 3: Annual Reporting for Indian Wells Valley Groundwater Sustainability Plan

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable per IWVGA.
			0-23			
				Total Score for Questions 1 – 8	10	

Project No. 4: Data Gap Evaluation, Data Collection, Monitoring and Model Update

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 - Very high priority due to significant benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 3 - High priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 2 - Moderate priority due to some benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 1 - Low priority due to minimal benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. • 0 - Very low priority due to no benefits provided to communities served, measurable objectives, minimum thresholds, and sustainability timeline. 	4	A detailed project description was not provided for review as outlined in Question #1 of the December 2021 PSP. Project No. 4 consists of an effort to fill data gaps that were identified in the IWVGA GSP. These data gaps include groundwater dependent ecosystems (GDEs) in the China Lake Area; aquifer properties in the northwest, southwest, southeast, China Lake and El Paso areas of the Basin; flux of subsurface inflow and outflow especially from the El Paso area to the Ridgecrest/China Lake area and from Rosa Valley to the Basin; water quality near the northwest Basin area; additional data on the definable Basin bottom; and estimates of domestic/de minimis water use. The filled data gaps, along with the airborne electromagnetics (AEM) data collected in November 2017, will be used to assist to update and calibrate of the Basin's numerical groundwater model for future use, particularly for the 5-Year GSP Update due in January 2025. Project No. 4 is designated as a very high priority project because while the anticipated benefits do not directly address overdraft conditions, data gap filling and analysis is highly feasible and implementable in a short-term timeframe, will address the regulatory requirements while reducing the uncertainty and better inform Basin sustainable management during the SGMA planning and implementation horizon, provide an updated model tool for the upcoming 5-Year GSP Update due in January 2025, and if the above activities are conducted in a publicly accessible transparent process, this could help address the local groundwater stakeholders' mistrust and concerns about the GSP and model.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project. Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 - Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 - Benefits provided, but are not explained or quantified. 	4	Funding of Project No. 4 would provide the following benefits: (1) address significant data gaps identified in the GSP, (2) improve and reduce the uncertainty of the Basin groundwater flow model tool significantly through incorporating previously existing and new data followed by additional model calibration, (3) provide significantly improved ability to assess the Basin water budget and project management scenarios with incorporation of the previously existing and new additional data with the updated groundwater flow model tool, and (4) incorporate best available science through items 1-3. These benefits can be quantified through comparison of GSP data gaps identified in the GSP, analysis of the uncertainty of the model before and after updating and assessing model tool performance and results before and after model updates. Overall, if the above activities are conducted in a publicly accessible transparent process, this could help address the local groundwater stakeholders' concerns about the GSP and model.
General	3	Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?	3	<ul style="list-style-type: none"> • 3 - Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project or Component. • 2 - Interested parties engaged/involved, but not included on decision-making committees. • 1 - Marginally addressed. • 0 - Not addressed. 	2	No Project or Component description is provided for the plan for outreach and engaging interested parties. Interested parties have been engaged through meetings of the IWVGA Board. The TAC and PAC were engaged during GSP preparation but have minimally been engaged since.

Project No. 4: Data Gap Evaluation, Data Collection, Monitoring and Model Update

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	Project No. 4 involves improving the understanding through hydrogeologic technical analysis on the entire IWV basin, which is the project location.
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	Figures of Underrepresented Communities in the Basin are provided separately by the IWVGA According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Previous data gap efforts have been funded through the non-IWVGA funding, such as DWR's Proposition 68 Grant Funding, Technical Support Services program and the Navy-Coso Royalty Fund. Without those external funding sources, those efforts would need to be funded through the IWVGA's extraction fee adopted under California Water Code Section 10730. Potential grant funding for the data gap efforts in the proposed Project No. 4 will lessen the financial impact of GSP implementation tasks on URCs within the Basin, which are currently underfunded by the fees being assessed.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	Project No. 4 will <i>partially</i> provide positive impact on issues associated with small water systems and private domestic wells, and partially address the SAFER program. Previous data gap efforts have been funded through the non-IWVGA funding, such as DWR's Proposition 68 Grant Funding , Technical Support Services program and the Navy-Coso Royalty Fund. Without those external funding sources, those efforts would all need to be funded through the IWVGA's extraction fee adopted under California Water Code Section 10730. Potential grant funding for Project No. 4 would lessen the financial impact of data gap efforts on small water systems within the Basin, as these systems are currently subject to the IWVGA's extraction fee adopted under California Water Code Section 10730. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program

Project No. 4: Data Gap Evaluation, Data Collection, Monitoring and Model Update

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	2	Project No. 4 will indirectly help address the Human Right to Water (AB 685 Section 106.3), and support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes by periodically improving the understanding through hydrogeologic technical analysis and reporting. The SDACs being served by Inyokern Community Services District water system and small mutual water companies serving neighborhood communities are being assessed IWVGA pumping fees of \$105/acre-foot/year to pay for the GSP, so funding this proposed project may help address more affordable water. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable per IWVGA.
			0-23			
				Total Score for Questions 1 – 8	16	

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	1	Project priority in terms of benefits provided to communities served, GSP measurable objectives, GSP minimum thresholds, and sustainability timeline.	4	<ul style="list-style-type: none"> • 4 – Very high priority due to significant benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 3 – High priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 2 – Moderate priority due to some benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 1 – Low priority due to minimal benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. • 0 – Very low priority due to no benefits provided to communities served, measureable objectives, minimum thresholds, and sustainability timeline. 	4	A detailed project description was not provided for review as outlined in Question #1 of the December 2021 PSP. Project No. 5 consists of an effort to fill data gaps in the El Paso Subarea that were identified in the IWVGA GSP, and to consider how the El Paso Subarea groundwater resources could be used conjunctively with an imported water supply to enhance water supply reliability and increase resilience.. The filled data gaps, along with the airborne electromagnetics (AEM) data collected in November 2017, will be used to assist to update and calibrate the Basin's numerical groundwater model for future use. Project No. 5 is designated as a very high priority project which scored very high because while the anticipated benefits do not directly address overdraft conditions, data gap filling and analysis is highly feasible and implementable in a short-term timeframe, will address the GSP regulatory requirements while reducing the uncertainty and better inform Basin sustainable management during the SGMA planning and implementation horizon, provide an updated model tool for the upcoming 5-Year GSP Update due in January 2025. If the above activities are conducted in a publicly accessible transparent process, this could help address the local groundwater stakeholders' concerns about the GSP and model.
General	2	Quantifiable benefits that will be provided to the Basin as a result of pursuing this project. Project goals, objectives, and needs as related to the GSP and sustainability, and whether the project meet those goals, objectives, and needs.	4	<ul style="list-style-type: none"> • 4 - At least three quantifiable benefits with explanations and methods to quantify. • 3 – Two quantifiable benefits with explanations and methods to quantify. • 2 - Two quantifiable benefits lacking explanations and methods to quantify. • 1 - One quantifiable benefit with explanations and methods to quantify. • 0 – Benefits provided, but are not explained or quantified. 	4	Project benefits will include: (1) filling data gaps in the El Paso area including defining basin bottom, improved understanding of hydrostratigraphy, aquifer parameters, groundwater flow, storage, and yield, (2) evaluation of potential recharge and recovery operations in the El Paso area coupled with an imported water supply, if available, (3) updating and calibrating the groundwater flow model from item 1 &2, and (4) reducing uncertainty with the basin yield estimate of 7,650AFY as a result of incorporating items 1- 3. The results of the investigation will help assess whether existing water supplies in the El Paso area may serve as a feasible and cost-effective water supply augmentation compared to and/or conjunctively managed with imported and recycled water.
General	3	Does the Project or Component fully describe their plan for outreach and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?	3	<ul style="list-style-type: none"> • 3 – Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project or Component. • 2 – Interested parties engaged/involved, but not included on decision-making committees. • 1 – Marginally addressed. • 0 – Not addressed. 	2	No Project or Component description is provided for the plan for outreach and engaging interested parties. Interested parties have been engaged through meetings of the IWVGA Board. The TAC and PAC were engaged during GSP preparation but have minimally been engaged since.

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	4	Does the project have a physical location with current conditions? What are the project's benefitting areas?	2	<ul style="list-style-type: none"> • 2 – Project has a physical location with current conditions and a benefitting area. • 1 – Project has no physical location or current conditions but has a benefitting area. • 0 – Project has no physical location or current conditions, and has no benefitting area. 	2	Project No. 5 involves improving the understanding through hydrogeologic data collection and technical analysis of the El Paso area, which is the project location, and has sparse groundwater data. This project will benefit the entire Basin as it will help with the conceptual and detailed design to conjunctively manage and optimize all potential supplies within and imported to the Basin.

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	5	Project's benefits to an Underrepresented Community(-ies) and/or Severely Disadvantaged Community(-ies), if any?	3	<ul style="list-style-type: none"> • 3- Project provides direct benefits to an SDAC(s). • 2 - Project provides direct benefits to an Underrepresented Community(-ies). • 1 – Project provides partial benefits to either SDACs or Underrepresented Communities. • 0 – Project does not benefit either SDACs or Underrepresented Communities. 	1	Figures of Underrepresented Communities in the Basin are provided separately by the IWVGA According to the figures, approximately 73% of the Basin area consists of Underrepresented Communities (URCs). Additionally, approximately 65% of the Basin area consists of Severely Disadvantaged Communities (SDACs). Project No. 5 will provide additional opportunities for water supply resiliency as described in item General #2, that will enhance water supply reliability for Underrepresented Communities (including Severely Disadvantaged Communities) in the Basin. The SDACs being served by Inyokern Community Services District water system and small mutual water companies serving neighborhood communities are currently being assessed IWVGA pumping fees of \$105/acre-foot/year to pay for the GSP, which has cost between \$6M and \$7M to prepare, and there is currently no end date for the pumping fee.
General	6	Will the project positively impact issues associated with small water systems or private domestic wells (e.g. groundwater contamination vulnerability, drawdown, etc.)? Does the project help or address the needs of the State Water Board's SAFER Program?	2	<ul style="list-style-type: none"> • 2 – Project will positively impact issues associated with small water systems or private domestic wells, and does address the SAFER Program. • 1 – Project will partially positively impact issues associated with small water systems or private domestic wells, and partially address the SAFER Program. • 0 – Project will not positively impact issues associated with small water systems or private domestic wells, and does not address the SAFER Program. 	1	Project No. 5 will partially provide positive impact on associated with small water systems and private domestic wells, and partially address the SAFER program, by potentially providing additional opportunities for water supply resiliency as described in item General #2. Small mutual water companies serving neighborhood communities are being assessed IWVGA pumping fees of \$105/acre-foot/year to pay for the GSP, so funding this proposed project may help address affordable water. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.
General	7	Will the project address the Human Right to Water (AB 685 Section 106.3)? Will the project support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	3	<ul style="list-style-type: none"> • 3 – Project directly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 2 – Project indirectly addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 1 – Project marginally addresses the Human Right to Water and supports the State's established policy on the right to safe, clean, affordable, and accessible drinking water. • 0 – Project does not address the Human Right to Water and does not support the State's established policy on the right to safe, clean, affordable, and accessible drinking water. 	2	Project No. 5 will indirectly help address the Human Right to Water (AB 685 Section 106.3), and support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes by improving the understanding of the El Paso area through hydrogeologic technical analysis including conjunctively managing imported water if available, which will benefit the entire IWV basin. The SDACs being served by Inyokern Community Services District water system and small mutual water companies serving neighborhood communities are being assessed IWVGA pumping fees of \$105/acre-foot/year to pay for the GSP, so funding this proposed project may help address affordable water. The IWVGA Well Mitigation will more immediately address issues associated with small water systems and private domestic wells, and partially address the SAFER program.

Project No. 5: Pumping Optimization Investigation

Section Name	Q#	Project Comparison Criteria	Possible Points	Scoring Guidance	Score	Description and Justification for Score
General	8	Was the California Conservation Corp (CCC) contacted regarding obtaining their service for the project?	2	<ul style="list-style-type: none"> • 2 – Contacted the CCC and using their services • 1 – Contacted the CCC, included response from CCC, but not using their services • 0 – Did not contact the CCC or does not demonstrate they were contacted 	0	Not applicable per IWVGA.
			0-23			
				Total Score for Questions 1 – 8	16	

Comments on Document Package Provided to TAC and PAC on November 29, 2021

The District appreciates the opportunity to provide input on the list of projects and the preliminary ranking of projects for the Grant Application due to DWR on February 18, 2022. We have the following comments regarding the IWVGA process and the list of projects:

- The District suggests that the IWVGA consider providing the TAC and PAC with the SGM Grant Program SGMA Implementation Guidelines and Proposal Solicitation Package both dated December 2021 in their entirety to provide comprehensive information regarding the requirements and DWR review process. The excerpted instructions for submittal (Attachment 1) explicitly outline a recommended process for developing a Project Review Committee, including ranking projects. The District also notes that there is no description in the instructions regarding how the individual TAC and PAC member input will be utilized to finalize a projects ranking table for submittal to DWR, and this would be useful to provide in advance to the Advisory Committees.
- The EXCEL Spreadsheet provided by the IWVGA to the TAC does not match the DWR PSP Table 7 Application Evaluation Criteria Form and has some parts missing, based on review of the “SGM Grant Program SGMA Implementation Proposal Solicitation Package, December 2021.” Noting that *“review questions outlined in Table 7 may be reworded, combined, or separated”* but not eliminated, and past experiences in grant application preparation suggests minimizing or eliminating any changes to DWR wording is the precautionary approach to avoid losing partial funding or being disqualified. Ranking items 1-3 were re-worded by IWVGA and in some cases scoring guidance modified; ranking item #3 (outreach and public engagement) has been replaced with the specific DWR language in the form submitted by the District; ranking items 4-8 were re-worded and criteria modified by IWVGA; ranking 9-10 were not included in the District ranking responses as tasks/subtasks, budget and schedule have not been provided by the IWVGA. Attachment 2 is a copy of the Table 7 column 3 “Questions” copied directly out of the DWR PSP Table 7 Application Evaluation Criteria Form.

Considering the differences from the DWR Table 7 Items and Criteria, and the lack of detailed project descriptions and lack of tasks, schedules and budgets, we recommend that the IWVGA Application Evaluation Criteria be revised using the language and scoring guidance from DWR.

- Project Listing:
 - The descriptions of the projects provided in the attachment are not adequate to complete the evaluation required using the SGMA Implementation Table 7, as the narrative descriptions lack sufficient details in terms of scope, goals, objectives, quantifiable benefits, proposed grant funding for individual project schedules and cost allocation across the projects.
 - Project No. 1 has been scored lower than the priority ranking by IWVGA largely due to the uncertainty, implementation timeline, feasibility, cost, and other in-basin project options that can be completed more quickly at lower cost and reduced uncertainty.
 - Project No. 2 scope of work outlined in the brief project description is not possible to complete in the time allotted for the grant funding to be spent as required in the grant application (all work complete and invoices in by June 30, 2025). This underscores the need for well-articulated project descriptions, including objectives, scopes of work, detailed schedules and budgets. We have scored this project higher due to the certainty with regards to the in-basin water available consistently and predictably with proven tools and technologies to optimize recycled water use.
 - Project No. 3 Annual Reporting for Indian Wells Valley GSP is not a project the District supports as fees being collected are supposed to pay for the annual reporting and administration of the

GSA. Grant funds are better applied to actual projects to move the basin towards sustainability. We recommend removing this project and moving updating or constructing a new groundwater model into Project No. 4; we have also ranked the Project No. 3 in the table.

- Project No. 4 - Data Gap Evaluation, Data Collection and Monitoring Program - we have added the model update into this project and have ranked it higher by considering its benefits higher and by identifying more quantifiable benefits.
- Project No. 5 - Pumping Optimization Investigation - The IWVGA GSP Page 5-47 described the Pumping Optimization Program as IWVGA GSP Project No. 6 including: "The pumping optimization program is proposed to relocate some of the Water District, and potentially some of SVM's groundwater pumping, to the northwest portion of the Basin. The pumping optimization program is anticipated to include the construction of two new wells in the northwest portion of the Basin along Brown Road and approximately nine miles of pipeline to connect the wells to the Water District's water system." Considering that this is new information that does not conform with the IWVGA GSP described project, rationale should be included to explain the proposed change in focus of the pumping optimization investigation.

The District does not consider Project No. 5 a pumping optimization investigation, but rather an exploration, subsurface characterization and GSP basin data gap filling project that the District *is currently pursuing*. We have ranked it higher than IWVGA by considering its feasibility, schedule and benefits higher, and by identifying more quantifiable benefits. The District would be open to receiving input from the IWVGA on the proposed approach, and would also be willing to provide a project description, tasks list, schedule and budget for inclusion in the grant application, for the District to implement under IWVGA oversight, assuming the grant proposal is successful.

- The District ranked the Projects in terms of priority:
 - 1) Optimize Recycled Water Use in the IWV - no uncertainty with supply and can go forward relatively quickly with a City-District partnership.
 - 2) Exploration of the El Paso Subarea for adequate characterization, potential future supply, in addition to possible recharge and recovery scenarios - the subarea has significant data gaps, including the thickness and volume of unconsolidated water bearing materials, and flux of groundwater into the China Lake-Ridgecrest Subarea.
 - 3) Conduct Brackish Groundwater Resources Pilot Project based on results of a nearly completed feasibility study - local project if successful that could be implemented short-term to help reduce pumping of high quality groundwater - Attachment 3 is a draft project description for consideration.
 - 4) Continue exploration of a potential imported water supply that carries a high level of uncertainty of obtaining future supplies even if water rights are acquired.

The District considers filling **data gaps** separately from **implementation projects**, and considers addressing data gaps equally with the highest ranked priority projects, as *data gaps are required to be addressed* under SGMA regulations, as compared to the *flexibility and choice allowed for implementation projects* for achieving sustainability under SGMA. All data gaps identified in the GSP are required to be addressed, and with the amount of previously existing and newly collected data, updating or constructing a new groundwater flow model is warranted. Addressing data gaps and the model will help reduce uncertainty and move sustainability forward in the IWV. We recommend the following general approach being considered in addressing data and information gaps in the IWV groundwater basin:

- 1) Highest priority (non-grant) - engage the DWR Technical Support Services to install multiple additional groundwater monitoring wells in the El Paso Subarea and where appropriate in the China Lake-Ridgecrest Subarea.

- 2) Prioritize data collection to include as highest priority both additional aquifer pumping tests for aquifer characteristics and additional studies and monitoring to better estimate the flux from the El Paso Subarea, the Rosa Valley and the Sierra Nevada.
 - 3) Utilize the USGS IWV Basin Characterization Model output for natural recharge distribution and to address climate change scenarios, Journal of Water Resources Association pre-publication report available.
 - 4) Update or construct a new Groundwater Flow Model with the AEM data and comprehensive datasets compiled by the District, data collected under the Brackish Groundwater Resources Project, and additional data collected by the IWVGA. Refine the model cells for simulating project specific scenarios, e.g., recycled water recharge and recovery, and brackish groundwater resources.
 - 5) Re-evaluate the water budget and projects with the updated or newly constructed groundwater flow model and reassess options for sustainability.
- Federal lands and SDAC, DAC, and EDAs criteria and status:
 - Information on the SDAC and DAC online tool needs updating based on discussion with DWR - it is currently referencing 2012-2016 data and criteria based on 2016 MHI so use with caution.
 - Question: Should the IWVGA consider project specific benefits for non-Native American federal land areas, especially China Lake Naval Air Weapons Station, in terms of SDAC, DAC and EDAs?
 - DWR has indicated federal lands and military bases have not been considered specifically in terms of these issues.

Attachment 1

**Page 16 - SGM Grant Program SGMA Implementation Proposal Solicitation
Package - December 2021**

A. What to Submit

Applicants must submit a complete SGM Grant Program Application during the open filing phase as shown in Table 1 – Schedule for SGM Grant Program SGMA Implementation – Planning and Projects Grant Solicitation.

B. How to Submit

1. Round 1

Applicants should submit a Spending Plan to SGWP@water.ca.gov by February 18, 2022, to obtain funding. The Spending Plan should be completed using the template provided by the assigned DWR Grant Manager. Any Spending Plans outside of the template format will not be reviewed or awarded any funding. The Spending Plan should have copies of the completed scoring criteria as outlined in Table 7 for each project proposed for funding for the basin. Below are the steps an applicant must take to apply for the Round 1 grant solicitation funds.

1. Depending on the COD Basin, the applicants should develop a project review committee that are responsible for completing a self-evaluation for a project using the scoring criteria outlined in Table 7. The project review committee should include a representative for each entity within a GSA, a representative from each GSA within the basin if there are multiple GSAs, a representative from each entity within an, and/or another method where all interested parties have an equal vote.
2. The project review committee can either develop one consensus scoring self-evaluation for each project; complete an independent scoring criterion and then use the average as the final score; have one entity that is not related to the project to conduct an independent review of another entities project and have that one score as the final; or another un-biased review process predetermined by the review committee. The scoring criteria Excel table will be provided by the assigned DWR Grant Manager. This scoring criteria should be used as it is and cannot be edited in any way. Any applications who have edited the scoring criteria will be thrown out and not awarded any grant funds.
3. Once the final score(s) is obtained for each project, the projects should be ranked based upon the scoring criteria and listed highest to lowest.
4. If the project review committee determine that a lower scoring project(s) should be higher on the ranking list due to available funding, accessibility to the site, already completed environmental/permitting/design, then the project review committee must be responsible for fully documenting and justifying why a lower scoring project was included within the Spending Plan versus a higher scoring project.
5. The applicant must provide an adopted resolution that has been adopted by the applicant's governing body designating an authorized representative to submit the application and execute an agreement with the State of California for the SGMA Implementation grant application. Please see Pages 19 – 20 for the example resolution language and additional instructions.
6. Complete the Eligibility Self-Evaluation form located on the SGM Grant Program website at www.water.ca.gov and submit the Eligibility Self-Evaluation form with the Spending Plan. Please see Page 20 for additional instructions. Table 2 below is an example of the eligibility questions included within the Eligibility Self-Evaluation form.
7. Prepare the Spending Plan and include the scoring criteria sheet(s) per recommended project, review notes, and other justification, along with the resolution(s) and Eligibility Self-Evaluation form, and submit the plan to SGWP@water.ca.gov **prior to noon on February 18, 2022**. Any COD Basin that has not submitted a Spending Plan by this date and time has forfeited the funds and they will be moved into the available funding for Round 2.

2. Round 2

Applicants must submit a complete application online using DWR's GRanTS electronic submittal tool, or another electronic submittal tool, please use the link listed in the Foreword or as directed by SGM Grant Program via email and on the SGM Grant Program website. GRanTS can only be accessed with Microsoft Edge and Google Chrome. The name of these grant solicitations in GRanTS is " SGMA Implementation Round #" depending on the grant solicitation in which you are applying. To access the

Attachment 2
Pages 29-30 - SGM Grant Program SGMA Implementation Proposal Solicitation
Package - December 2021

Please note that the review questions outlined in Table 7 may be reworded, combined, or separated. SGM Grant Program staff may make clarifying or editorial changes to the scoring criteria following approval. SGM Grant Program staff may also make changes to Table 7 depending upon language outlined in future appropriations and legislative requirements. **Table 7 is subject to change depending on the final preparations of the review questionnaire.** No substantive changes will be made to the evaluation criteria and scoring scheme.

TABLE 7 – APPLICATION EVALUATION CRITERIA				
Section Name	Q#	Questions	Possible Points	Scoring Guidance
General	1	<p>Was a description of the proposed Project or Component provided? Did it explain why this Project or Component was chosen over all others identified in the Plan in terms of benefits provided, communities served, measurable objectives, minimum thresholds, plan implementation timeline, and feasibility? If you feel a question component does not apply to your proposed project, please explain why it is not applicable. (Example "Measurable objective not applicable because project is planning only".)</p> <ul style="list-style-type: none"> <i>No funds will be awarded without clear justification for the proposed tasks/subtasks.</i> 	4	<ul style="list-style-type: none"> 4 – Fully addressed 3 – Mostly addressed, with minor details not included or unclear 2 – Mostly addressed, with significant details missing or unclear 1 – Marginally addressed 0 – Not addressed
General Implementation Only	2- Imp	<p>Does the Project or Component provide a description of quantifiable benefits? Was an explanation of the benefits that are expected to be realized from the Project or Component provided, along with how those benefits will be evaluated and quantified?</p> <ul style="list-style-type: none"> <i>To obtain full points, 3 or more quantifiable benefits must be identified and fully supported with backup documentation.</i> 	4	<ul style="list-style-type: none"> 4- At least three quantifiable benefits with explanations and supporting documents. 3 – Two quantifiable benefits with explanations and supporting documents. 2 - Two quantifiable benefits lacking explanations and supporting documents. 1 - One quantifiable benefit with explanations and supporting documents. 0 – Benefits provided but are not explained or quantified.
General Planning Only	2- Plan	<p>Does the Project Description describe a well-coordinated proposal including a GSP(s) that encompasses the entire basin or describes why a portion of the basin is not covered in the proposal? Does it describe how well the multiple GSA(s) surrounding and within the basin are working together?</p>	4	<ul style="list-style-type: none"> 4 – Fully addressed 3 – Mostly addressed, with minor details not included or unclear 2 – Mostly addressed, with significant details missing or unclear 1 – Marginally addressed 0 – Not addressed
General	3	<p>Does the Project or Component fully describe their plan for outreaching and engaging interested parties (e.g., residents, local leaders, non-profit representing Underrepresented Communities, etc.) located within Underrepresented Communities? Does the outreach and engagement include interested parties during all phases of the Project or Component (e.g., planning, design, and implementation)? Can interested parties provide input and be involved in the decision-making processes?</p> <ul style="list-style-type: none"> <i>To obtain full points, a minimum of three comment letters are required from the Underrepresented Communities.</i> 	3	<ul style="list-style-type: none"> 3 – Interested parties included on decision-making committees and fully engaged/involved in all aspects of the Project or Component 2 – Interested parties engaged/involved, but not included on decision-making committees 1 – Marginally addressed 0 – Not addressed
General	4	<p>Was there a regional and Project map(s) depicting the site location, current conditions, and benefitting areas?</p> <ul style="list-style-type: none"> <i>The information should be clear and easy to read. If not, the point will not be given.</i> 	2	<ul style="list-style-type: none"> 2 – Provided and all necessary information provided 1 – Provided but missing some information 0 – Not provided

General	5	Does the project benefit an Underrepresented Community (-ies)? Was there a map(s) depicting the Underrepresented Community (-ies) that the project will benefit? Does the project benefit an SDAC? Was there a map(s) depicting the SDAC(s) that the project will benefit? Please provide the amount of funding that will benefit both the Underrepresented Community and SDAC. • <i>No points will be given if a map(s) is not provided.</i>	3	<ul style="list-style-type: none"> • 3- Project benefits an SDAC(s) • 2- Project benefits Underrepresented Community • 1 – Project partially benefits either • 0 – Project does not benefit either
General	6	Will the Project or Component positively impact issues associated with small water systems or private shallow domestic wells (e.g., groundwater contamination vulnerability, drawdown, etc.)? Was justification such as domestic well census results, water system maps, service area maps, etc. provided? Does the Project or Component help address the needs of the State Water Board’s SAFER Program?	3	<ul style="list-style-type: none"> • 3 – Fully addressed • 2 – Mostly addressed, with minor details not included or unclear • 1 – Marginally addressed • 0 – Not addressed
General	7	How does the proposed Project or Component address the Human Right to Water (AB 685 Section 106.3)? How will the Project or Component support the established policy of the State that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes?	4	<ul style="list-style-type: none"> • 4 – Fully addressed • 3 – Mostly addressed, with minor details not included or unclear • 2 – Mostly addressed, with significant details missing or unclear • 1 – Marginally addressed • 0 – Not addressed
Scope of Work	8	Did the proposal provide a description of the tasks/subtasks that will be completed as part of this grant Project? • <i>No funds will be awarded without clear justification for the proposed tasks/subtasks.</i>	3	<ul style="list-style-type: none"> • 3 – Fully addressed • 2 – Mostly addressed • 1 – Marginally addressed • 0 – Not addressed
Budget	9	Is a budget summary table provided? Is the budget reasonable for the project? Is the budget table tasks/subtasks provided in the scope of work coincide with the tasks/subtasks in the budget and schedule tables? Is local cost share included (minimum of 5%)? Local cost share may include costs expended on projects before grant agreement date. • <i>Local cost share is not required but necessary to obtain full points.</i>	3	<ul style="list-style-type: none"> • 3 – Local cost share is provided, and budget is consistent and feasible • 2 – Budget is consistent and feasible • 1 – Budget is consistent but not feasible • 0 – Not consistent and feasible
Schedule	10	Is the tasks/subtask in the schedule table consistent with those listed in the budget table and within the description in the application? Is the schedule feasible?	1	<ul style="list-style-type: none"> • 1 – Consistent and feasible • 0 – Not consistent and feasible
Total Range of Possible Points			0-30	
(a) Average of Questions 1 – 8 for Multiple Component Applications				
(b) Total Score for Questions 9 and 10				
Total Points Overall Project:				
TOTAL FUNDING RECOMMENDED:				\$

Attachment 3
Draft Project Description
Brackish Groundwater Extraction and Desalination Pilot Plant

DRAFT PROJECT DESCRIPTION

BRACKISH GROUNDWATER EXTRACTION AND DESALINATION PILOT PLANT

The Indian Wells Valley Water District (IWWVD) in conjunction with Coso Geothermal (Coso), Searles Valley Minerals (SVM), and Mojave Pistachios (Mojave) are undertaking a brackish groundwater feasibility study to examine if brackish groundwater can be developed as an alternate source of water for the valley. Efforts have focused on identifying and evaluating several areas within the basin where brackish groundwater could be developed, subject to the constraints of not impacting existing freshwater resources; both in terms of drawdown (quantity) and changes in salinity (quality), as well as minimizing the potential for land subsidence to occur.

Over the course of the project, the evaluation of potential brackish groundwater resources that might be suitable for development has resulted in a focus on the Northern Agricultural Area (NAA), as shown below in **Figure 1**. Based upon historical sampling data, a “lobe” of brackish to saline water in the deeper hydrogeologic zone extends westward from the Naval Air Weapons Station (NAWS) China Lake western boundary toward Highway 395. Efforts are underway to analyze brackish groundwater sample data from the deeper wells in the NR-1 and NR-2 monitoring well clusters. These deeper wells are screened at depths deeper than 1,900 feet below ground surface (bgs). This data is being used to evaluate the anticipated performance of reverse osmosis (RO) membranes that would be utilized to treat the brackish groundwater. Additionally, the evaluation will consider the pre- and post-treatment requirements for the brackish groundwater, including the development of a treatment train, as well as capital and operation and maintenance (O&M) costs for a brackish groundwater extraction and treatment facility.

However, prior to the implementation of a full-scale brackish groundwater extraction and treatment system, a pilot-scale program is recommended to confirm the actual performance of RO membranes treating the brackish water from the study area.

PROJECT INFORMATION

General Project Description

The pilot-scale brackish groundwater extraction and treatment project will likely be situated in the vicinity of NR-1 in the area north of Neal Ranch Road, south of Agnew Avenue, east of Brown Road, and west of the NAWS China Lake boundary (see **Figure 1**). However, this is subject to the ongoing evaluation of groundwater quality in the study area.

The project will consist of the installation of:

1. A deep brackish groundwater extraction well (up to 1,900 feet bgs)
2. A deep brackish groundwater reinjection well (up to 1,900 feet bgs) north of the extraction well
3. A temporary building structure to house the treatment train components necessary for pre-treatment, RO treatment, and post-treatment of the brackish groundwater.

Brackish groundwater will be pumped from the extraction well at a rate of several hundred gallons per minute (gpm). It is anticipated that approximately 20 gpm of this flow will be diverted into the treatment system. The remainder of the extracted brackish groundwater will be reinjected in the reinjection well located to the north of the extraction well.

It is anticipated that the pilot-scale system will be operated for a minimum of 6 months and a maximum of 12 months. During the operational period, the performance of the treatment system components will be evaluated so that a cost estimate (including both lifetime capital and operation and maintenance [O&M] costs) can be developed.



Figure 1 – Northern Agricultural Area (NAA)

Attachment B

Adopted Authorizing Resolution

Attachment C

Eligibility Self-Certification Form

Eligibility Criteria Self-Certification

Attachment 1: Eligibility Criteria Self-Certification Form

As a Grantee of General Obligation Bond grant funds with the Department of Water Resources' (DWRs) Financial Assistance Branch, you must complete this self-certification form to enter into a Grant Agreement with DWR to receive grant funds. Failure to meet and maintain these conditions and requirements may result in DWR revoking the grant award, withholding grant funding, stopping invoice payment, and/or terminating the Grant Agreement. Answers must be provided for the primary Awardee and all member agencies within the Groundwater Sustainability Agency (GSA). An answer of No to some questions below may make you ineligible to enter a contract with DWR.

A. Grantee Name: Indian Wells Valley Groundwater Authority

Member Agencies

County of Kern (a public agency)
City of Ridgecrest (a public agency)
Indian Wells Valley Water District (a public utility)
County of San Bernardino (a public agency)
County of Inyo (a public agency)
United States Department of the Interior Bureau of Land Management (non-voting associate member)
United States Navy, Naval Air Weapons Station China Lake (non-voting associate member)

The Grantee, Indian Wells Valley Groundwater Authority, is a GSA, a member agency of a GSA, or a member agency of an approved Alternative to a Groundwater Sustainability Plan (GSP).

Yes No If no, DWR cannot enter into a Grant Agreement.

2. **Agricultural Water Management Compliance:** Is the Grantee or any member agency required to submit an Agricultural Water Management Plan (AWMP) to DWR? Yes No

If yes, list all member agencies required to submit the most recent AWMP (2015, 2020) and the date the AWMP was submitted to DWR. If yes and not submitted, DWR cannot enter into a Grant Agreement.

A.

Member Agency	Date AWMP Submitted to DWR
	enter date
	enter date
	enter date
	enter date
	enter date
	enter date
	enter date

Eligibility Criteria Self-Certification

3. **CASGEM:** Has the Grantee and all member agencies met the requirements of DWR’s CASGEM Program and is current with all data reporting requirements for CASGEM? Yes No N/A
 A. List all member agencies required to meet CASGEM requirements. If not current, DWR cannot entry into an agreement.

Member Agency	Date
Indian Wells Valley Groundwater Authority (CASGEM)	10/1/2021
	enter date
	enter date
	enter date
	enter date
	enter date
	enter date

4. **Consistency with the Delta Plan:** Is the Project, in whole or in part, within the Sacramento-San Joaquin Delta (Delta) or Suisun Marsh (Marsh)?
- Yes, the Grantee and member agencies have engaged with the Delta Stewardship Council (Council) regarding the Council’s regulatory policies that may be potentially applicable to the project and the consistency of the Project with the Delta Plan. (If yes and inconsistent, DWR cannot enter into an agreement.
- No, the Project is within the Delta or Marsh, but the Awardee and member agencies have not engaged with the Council.
- N/A

5. **Open and Transparent Water Data:** The Grantee and member agencies will adhere to the protocols developed pursuant to subdivision (a) for data sharing, transparency, documentation, and quality control (Water Code §12406(b)).
- Yes, the Grantee and member agencies have systems in place that will adhere to the required protocols.
- No, the Grantee and member agencies do not have systems in place to adhere to the required protocols; however, those systems will be in-place within 90-days of an executed Grant Agreement.
- No, the Grantee and member agencies do not have systems in place to adhere to the required protocols and do not intend to have them in place. If so, DWR cannot enter into an agreement.

6. **Public Utilities and Mutual Water Companies:** A Project(s) proposed by a public utility regulated by the Public Utilities Commission or a mutual water company shall have a clear and definite public purpose and shall benefit the customers of the water system and not the investors (Water Code §79712(b)(1)).
- Yes, the Grantee and/or member agencies are a public utility regulated by the Public Utilities Commission or a mutual water company and the proposed Project will solely benefit the customers.
- No, the Grantee and/or member agencies are a public utility, but the investors will benefit from the proposed Project. If so, DWR cannot enter into an agreement.
- N/A

Eligibility Criteria Self-Certification

7. **Stormwater Resource Plan (SWRP) Compliance:** Is the proposed Project a stormwater, surface water, or dry weather capture project as defined by the State Water Resources Control Board (capture for reuse, treatment, and/or infiltration) and is required to be listed within a SWRP or functionally equivalent SWRP (FE-SWRP)?

Yes No N/A

If yes, is the Project listed within a SWRP or FE-SWRP? Yes No
If no, DWR cannot enter into a Grant Agreement.

If yes, provide the name of the SWRP or FE-SWRP, a copy of the SWRP/FE-SWRP Self-Certification form, and proof that the SWRP or FE-SWRP is included in the local Integrated Regional Water Management Plan (IRWMP) as an attachment to this form.

Name of SWRP or FE-SWRP:

Page number(s) where Project(s) is listed:

Contact person and contact information for SWRP or FE-SWRP:

8. **Surface Water Diverter Compliance:** Is the Grantee or member agency a surface water diverter?

Yes No

A. If yes, please list the name of the agency(-ies) that are surface water diverters.

Agency Name

B. Has the agency(-ies) submitted the surface water diversion reports to the State Water Resources Control Board in compliance with the requirements outlined in Part 5.1 (commencing with § 5100)?

Yes No

C. If not, please explain and provide the anticipated date for meeting the requirements. DWR may not be able to enter into an agreement.

--

Eligibility Criteria Self-Certification

9. **Sustainable Water Use and Demand Reduction:** SBx7-7 (Water Code §10608 et seq.) conditions the receipt of a water management grant or loan for urban water suppliers on gallons per capita per day reduction targets with the end goal of a 20% reduction by 2020. Is the Grantee and/or member agency an urban water supplier?

Yes No N/A

A. If yes, list the member agency(-ies) that are urban water suppliers.

Agency Name
Indian Wells Valley Water District

B. Is the agency(-ies) on track for meeting the SBx7-7 per capita water use targets? If not, DWR cannot enter into an agreement.

Yes No N/A

10. **Urban Water Management Plan (UWMP):** An urban water supplier shall adopt and submit to DWR an UWMP in accordance with Water Code § 10610 et seq. to be eligible to receive SGM Grant Program funding. Eligible Urban Water Suppliers must have the most recent UWMP (2015, 2020) that has been verified as complete by DWR before a grant agreement will be executed. Per Executive Order B29-15, Urban Water Suppliers must provide the State Water Resources Control Board with monthly information on water usage, conservation, and enforcement on a permanent basis.

Does the Grantee and/or member agency that are Urban Water Suppliers submit an UWMP to DWR?

Yes No N/A

Does the Grantee and/or member agency that are Urban Water Suppliers been submitting monthly information on water usage, conservation, and enforcement to the State Water Resources Control Board?

Yes No N/A

If no to either question, DWR cannot sign an agreement with the Grantee.

11. **Water Metering Compliance:** Any Urban Water Supplier applying for State grant funds for wastewater treatment projects, water use efficiency projects, drinking water treatment projects, or for a permit for a new or expanded water supply, shall demonstrate that they meet the water meter requirements in Water Code § 525 et seq.

Is the Project a wastewater treatment projects, water use efficiency projects, drinking water treatment projects, or for a permit for a new or expanded water supply?

Yes No

If so, does the Grantee and/or member agency that are Urban Water Suppliers meet the water meter requirements in Water Code § 525 et seq.?

Yes No N/A

Eligibility Criteria Self-Certification

12. **Groundwater Sustainability Plan (GSP):** Does the Project(s) or Component(s) include activities associated with the implementation of an adopted GSP or approved Alternative and listed within an adopted GSP or approved Alternative?

Yes No

If no, DWR cannot enter into an agreement.

I, Carol Thomas-Keefer, understand that the Department of Water Resources will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Self-Certification may result in loss of all funds awarded to the Grantee and that reimbursement of any grant funds is reliant upon the Grantee and all member agencies within the Groundwater Sustainability Agency (-ies) continuing to meet all eligibility requirements outlined within this Self-Certification form, the 2019 Sustainable Groundwater Management Grant Program Guidelines, and the Grant Agreement terms and conditions. Additionally, for the aforementioned reasons, the Department of Water Resources may withhold disbursement of project funds and/or pursue any other applicable legal remedy.

Carol Thomas-Keefer

Name of Authorized Representative
(Please print)

Signature

General Manager

Title

enter date

Date

Attachment D

Other Additional Backup (Scopes of Work & Budgets)

**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
1. Imported Water Interconnection Project	\$8,069,205.00	\$424,695.00	\$8,493,900.00	5.0%
2. Water Recycling Project	\$3,742,525.00	\$196,975.00	\$3,939,500.00	5.0%
3. Annual Reporting for Indian Wells Valley GSP	\$847,020.00	\$44,580.00	\$891,600.00	5.0%
4. Data Gap Evaluation, Data Collection, and Monitoring Program	\$835,335.00	\$43,965.00	\$879,300.00	5.0%
5. Pumping Optimization Investigation	\$3,486,500.00	\$183,500.00	\$3,670,000.00	5.0%
6. Conservation Study	\$83,600.00	\$4,400.00	\$88,000.00	5.0%
<u>TOTAL</u>	\$17,064,185.00	\$898,115.00	\$17,962,300.00	--

Indian Wells Valley Groundwater Authority
SGM Grant Program SGMA Implementation Projects Funding Round 1
Scope of Work
Component No. 1: Imported Water Interconnection Project

Introduction and Justification

The Indian Wells Valley Groundwater Basin (Basin) has been identified by the California Department of Water Resources (DWR) as a critically overdrafted basin of high priority. The Basin's estimated current sustainable yield of 7,650 AFY does not support current groundwater production and current demands. It is infeasible for the community to make immediate (or future) reductions in demands to the current sustainable yield without extreme lifestyle changes, alterations to the character of the community, loss of livelihoods, and great financial costs, among other negative impacts. The Groundwater Sustainability Plan (GSP) developed by the Indian Wells Valley Groundwater Authority (Authority) concluded that even after implementing measures that will enhance the Basin's local water supplies or reduce water demands, the Basin's demands will continue to exceed the current sustainable yield. Accordingly, the Authority is currently working with potential water supply sellers and transfer partners to secure opportunities to purchase and convey imported water supplies to the Basin.

Neither the Authority nor the other major groundwater producers in the Basin currently have access to an imported water supply. The Authority's GSP identified two (2) potential imported water projects options that were conceptually feasible for implementation. Since GSP adoption, the Authority has determined through negotiations with potential transfer partners that the "Option 1: Direct Use Project with AVEK" option identified in the GSP represents the most practically feasible and cost-effective option to bring imported water supplies to the Basin. This option includes construction of approximately 50 miles of pipeline to convey treated water from the Antelope Valley – East Kern Water Agency (AVEK) to the Basin for integration into existing Basin potable

water systems for direct use. The proposed Component No. 1 will consist of the initial steps (i.e. alignment study, design, permitting, environmental compliance, and coordination of delivery terms) for constructing new pipelines to convey new purchased imported water supplies to the Basin.

Component No. 1 is designated as a very high priority project because the Authority views mitigation of Basin overdraft as the highest priority for GSP implementation and has stated in its GSP that a reasonable quantity of overdraft will be allowed to occur during GSP implementation until imported water supplies are acquired. The results of the GSP modeling Scenario 6.2 indicated that acquiring imported water supplies would stabilize groundwater levels, particularly for existing shallow domestic wells, and reduce the ongoing loss of groundwater in storage. Without a supplemental imported water supply, the Basin's current groundwater infrastructure would be unable to produce needed groundwater by 2065. Component No. 1 also maintains a very high priority because the Authority has already taken steps to purchase permanent water supplies outside of the Basin. These steps have included coordinating with potential water sellers and adopting a Basin Replenishment Fee, effective as of February 2021, to fund the water purchase.

Description and Scope of Work

Component No. 1 represents the initial steps (i.e. alignment study, design, permitting, environmental compliance, and coordination of delivery terms) for constructing new pipelines to convey new purchased imported water supplies to the Basin. The Authority will procure an engineering consultant to perform an alignment study to finalize the pipeline alignment from AVEK to the Basin with consideration of connection points, storage needs, environmental issues, land acquisition, permitting requirements, and cost. The alignment study will begin concurrent with required project environmental compliance, which is anticipated to include a joint CEQA-NEPA study since the U.S. Bureau of Land Management (BLM) has jurisdiction over most of the southern portion of the Basin (where portions of the pipeline would be located).

Following completion of the alignment study, the Authority will procure design consultants and proceed with design of the pipeline as well as at least two (2) anticipated pump stations along the final pipeline alignment. The design phase would include preparation of a preliminary design report for the pipeline and pump stations; topographical surveying, geotechnical, and utility research; appropriate design submittals to partnering agencies such as AVEK, So Cal Edison, and the Indian Wells Valley Water District; and phased design submittals. The Authority does not anticipate that the design will be fully completed by the grant project end date of June 30, 2025. However, the Authority plans to complete approximately 90% of the design by this end date so that final design submittals may be prepared shortly after this end date, followed by construction bidding.

The Authority will address all project permitting requirements during design. At this time, these requirements are anticipated to include (but are not limited to) the following:

- Drinking water permit amendments for the end users, such as:
 - Indian Wells Valley Water District
- Relevant Air Quality Management District compliance for pump station emergency generators
- Acquisition of right-of-way, easements, and/or encroachment permits from relevant agencies, such as:
 - So Cal Edison
 - CalTrans
 - BLM
 - Private property owners

Procuring an imported water supply will require purchasing water supplies (with all required contractual and/or appurtenant water rights) as well as obtaining access to existing water conveyance facilities and constructing additional infrastructure to bring imported water to the IWVGB. The majority of the Basin is within the boundaries of the

Kern County Water Agency (KCWA), a State Water Project (SWP) Contractor. KCWA does not have unused SWP water that can be made available to the IWVGB. A small portion of the southern portion of the IWVGB is within the boundaries of Antelope Valley – East Kern Water Agency (AVEK). The California City pipeline is located at California City, approximately 15 miles south of the IWVGB boundaries and 50 miles south of the City of Ridgecrest. The Authority has identified the following two imported water project options as conceptually feasible for potential implementation. In addition, Component No.1 will include appropriate coordination with partnering agencies on developing terms of exchange agreements and/or annexation and coordination on facility design, permitting, and environmental compliance.

Benefits

After project startup, benefits are anticipated to include the following:

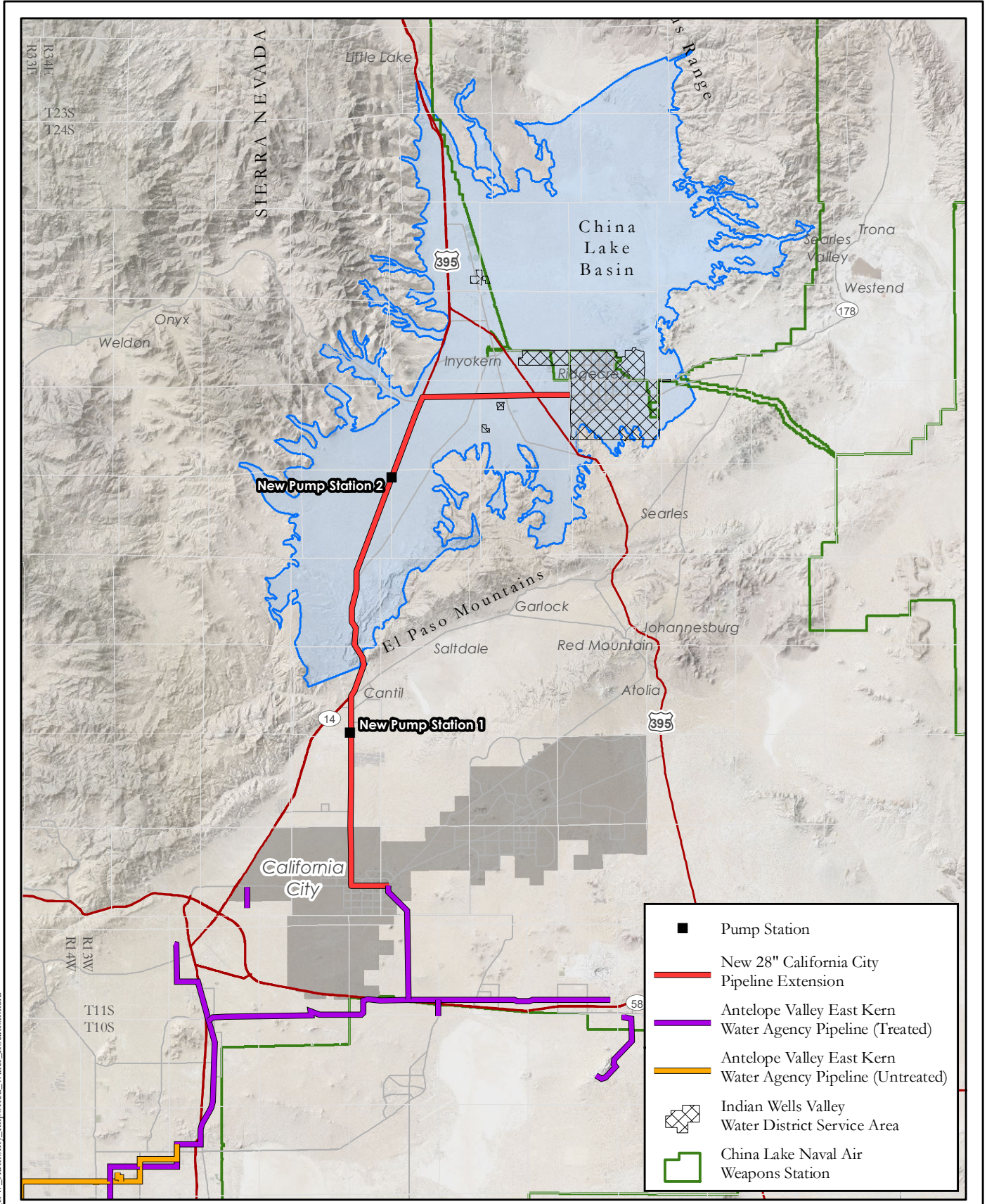
- Mitigation and reduction of Basin overdraft
- Potential increase in future Basin sustainable yield
- Enhanced water supply reliability

Reduction of loss of groundwater in storage and of the chronic lowering of groundwater levels will reduce impacts to shallow wells. In addition, the proposed project will decrease the volume of imported water which will be required to achieve sustainability. By reducing groundwater production in the Basin, optimized use of recycled water supplies will assist the Authority in achieving the sustainability goal by preserving the character of the community, preserving the quality of life for the residents in the Basin, and sustaining the mission at NAWS China Lake.

The addition of imported water for direct use will contribute to reduced overdraft conditions, which will be verified through reported groundwater pumping, groundwater level measurement, and metered use or delivery of imported water. Furthermore, increased use of imported water to offset pumping of water from the Basin will mitigate

undesirable results by reducing or eliminating localized pumping depressions, reducing impacts to shallow wells, reducing annual overdraft, reducing or eliminating adverse impacts to groundwater water quality (which will be quantified through groundwater quality sampling), and minimizing land subsidence caused by excessive groundwater extraction.

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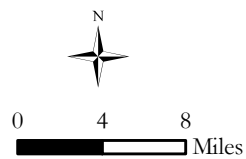


- Pump Station
- New 28" California City Pipeline Extension
- Antelope Valley East Kern Water Agency Pipeline (Treated)
- Antelope Valley East Kern Water Agency Pipeline (Untreated)
- ▨ Indian Wells Valley Water District Service Area
- ▭ China Lake Naval Air Weapons Station

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**INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
 COMPONENT #1 – IMPORTED WATER
 INTERCONNECTION PROJECT
 PROJECT LOCATION (TENTATIVE)**



**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
1. Imported Water Interconnection Project		\$8,069,205.00	\$424,695.00	\$8,493,900.00	5.0%
<u>Task 1 - Project Alignment Study</u>		<u>\$178,600.00</u>	<u>\$9,400.00</u>	<u>\$188,000.00</u>	<u>5.0%</u>
1.1 - Procure Alignment Study Consultant	Write RFPs, review proposals, conduct interviews	\$47,500.00	\$2,500.00	\$50,000.00	5.0%
1.2 - Analysis of "AVEK Cal. City Pipeline" Alignment		\$97,850.00	\$5,150.00	\$103,000.00	5.0%
1.2.A - Review Historic/Projected Available Capacity @ Cal. City Pipeline		\$11,400.00	\$600.00	\$12,000.00	5.0%
1.2.B - Analysis of Potential Pipeline Routes and Right-of-Way		\$42,750.00	\$2,250.00	\$45,000.00	5.0%
1.2.C - Analysis of Potential Delivery and Connection Points	Integration into IWVWD water system with consideration of pressure zones, existing storage/storage needs, water quality, etc.; high-level consideration of environmental issues, costs, land acquisition, and permitting issues (i.e. which routes have more issues)	\$20,900.00	\$1,100.00	\$22,000.00	5.0%
1.2.D - Pre-Design Level Cost Estimation		\$22,800.00	\$1,200.00	\$24,000.00	5.0%
1.3 - Cost and Feasibility Comparison of Project Alignments	Considering potential LADWP Exchange Ratios	\$9,500.00	\$500.00	\$10,000.00	5.0%
1.4 - Prepare Technical Memorandum with Final Project Alignment Selection		\$23,750.00	\$1,250.00	\$25,000.00	5.0%
<u>Task 2 - Design</u>		<u>\$6,851,400.00</u>	<u>\$360,600.00</u>	<u>\$7,212,000.00</u>	<u>5.0%</u>
2.1 - Procure Design Consultants	Write RFPs, review proposals, conduct interviews	\$76,000.00	\$4,000.00	\$80,000.00	5.0%
2.2 - Preliminary Design Report		\$190,000.00	\$10,000.00	\$200,000.00	5.0%
2.3 - Surveying, Geotechnical, and Utility Research		\$228,000.00	\$12,000.00	\$240,000.00	5.0%
2.4 - Pipeline Design		\$5,054,000.00	\$266,000.00	\$5,320,000.00	5.0%
2.4.A - AVEK Meetings and Coordination on Connection Points		\$9,500.00	\$500.00	\$10,000.00	5.0%
2.4.B - IWVWD Meetings and Coordination on Connection Points		\$9,500.00	\$500.00	\$10,000.00	5.0%
2.4.C - Prepare 10% Design	Site layouts of major facilities	\$665,000.00	\$35,000.00	\$700,000.00	5.0%
2.4.D - Prepare 30% Design	Profile sheets	\$1,045,000.00	\$55,000.00	\$1,100,000.00	5.0%
2.4.E - Prepare 60% Design	Detail sheets for connections, valves, etc.	\$1,425,000.00	\$75,000.00	\$1,500,000.00	5.0%
2.4.F - Prepare 90% Design and Final Design Submittals	Detail sheets for electrical, structural, mechanical, etc.	\$1,900,000.00	\$100,000.00	\$2,000,000.00	5.0%
2.5 - Pump Station (PS) Designs		\$1,303,400.00	\$68,600.00	\$1,372,000.00	5.0%
2.5.A - Prepare Draft SCE Design Submittals		\$32,300.00	\$1,700.00	\$34,000.00	5.0%
2.5.B - Prepare Revised SCE Design Submittals		\$7,600.00	\$400.00	\$8,000.00	5.0%
2.5.C - SCE Meetings and Coordination on Design		\$9,500.00	\$500.00	\$10,000.00	5.0%
2.5.D - Prepare 10% Design (PS 1)	Site layouts of major facilities	\$114,000.00	\$6,000.00	\$120,000.00	5.0%
2.5.E - Prepare 30% Design (PS 1)	Profile sheets	\$152,000.00	\$8,000.00	\$160,000.00	5.0%
2.5.F - Prepare 60% Design (PS 1)	Detail sheets for connections, valves, etc.	\$171,000.00	\$9,000.00	\$180,000.00	5.0%
2.5.G - Prepare 90% Design and Final Design Submittals (PS 1)	Detail sheets for electrical, structural, mechanical, etc.	\$190,000.00	\$10,000.00	\$200,000.00	5.0%
2.5.H - Prepare 10% Design (PS 2)	Site layouts of major facilities	\$114,000.00	\$6,000.00	\$120,000.00	5.0%
2.5.I - Prepare 30% Design (PS 2)	Profile sheets	\$152,000.00	\$8,000.00	\$160,000.00	5.0%

**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
1. Imported Water Interconnection Project		\$8,069,205.00	\$424,695.00	\$8,493,900.00	5.0%
2.5.J - Prepare 60% Design (PS 2)	Detail sheets for connections, valves, etc.	\$171,000.00	\$9,000.00	\$180,000.00	5.0%
2.5.K - Prepare 90% Design and Final Design Submittals (PS 2)	Detail sheets for electrical, structural, mechanical, etc.	\$190,000.00	\$10,000.00	\$200,000.00	5.0%
Task 3 - Permitting, Environmental, and Right-of-Way		\$782,705.00	\$41,195.00	\$823,900.00	5.0%
3.1 - Procure Environmental Consultant	Write RFPs, review proposals, conduct interviews	\$28,500.00	\$1,500.00	\$30,000.00	5.0%
3.2 - Literature Review of Prior Regional CEQA and NEPA Studies/Compliance Reports		\$34,200.00	\$1,800.00	\$36,000.00	5.0%
3.3 - CEQA-NEPA Joint Study (CEQA Components)		\$227,525.00	\$11,975.00	\$239,500.00	5.0%
3.3.A - Conduct Technical Investigations	Air quality assessment, energy consumption analysis, greenhouse gas emissions assessment, noise impact, cultural/biological resources, paleontological resources evaluation	\$58,900.00	\$3,100.00	\$62,000.00	5.0%
3.3.B - Prepare Initial Study (IS)		\$33,250.00	\$1,750.00	\$35,000.00	5.0%
3.3.C - Publish Notice of Preparation (NOP)		\$4,750.00	\$250.00	\$5,000.00	5.0%
3.3.D - Prepare Draft Environmental Impact Report (EIR)		\$66,500.00	\$3,500.00	\$70,000.00	5.0%
3.3.E - Publish Notice of Completion (NOC)		\$4,750.00	\$250.00	\$5,000.00	5.0%
3.3.F - Prepare Final EIR (including responses to comments on Draft EIR)		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
3.3.G - Develop Mitigation Monitoring and Reporting Program (MMRP)		\$11,400.00	\$600.00	\$12,000.00	5.0%
3.3.H - Publish Notice of Determination (NOD)		\$2,375.00	\$125.00	\$2,500.00	5.0%
3.3.I - Prep for and Attend Public Hearings		\$17,100.00	\$900.00	\$18,000.00	5.0%
3.4 - CEQA-NEPA Joint Study (NEPA Components)		\$235,980.00	\$12,420.00	\$248,400.00	5.0%
3.4.A - Coordination with Navy and/or BLM on NEPA Requirements		\$38,000.00	\$2,000.00	\$40,000.00	5.0%
3.4.B - Prepare Environmental Assessment (EA)		\$47,880.00	\$2,520.00	\$50,400.00	5.0%
3.4.C - Publish Notice of Intent		\$4,750.00	\$250.00	\$5,000.00	5.0%
3.4.D - Prepare Draft Environmental Impact Statement (EIS)		\$80,750.00	\$4,250.00	\$85,000.00	5.0%
3.4.E - Prepare Final EIS (including responses to comments on Draft EIS)		\$33,250.00	\$1,750.00	\$35,000.00	5.0%
3.4.F - Issue Record of Decision (ROD) with Mitigation/Monitoring Plans		\$14,250.00	\$750.00	\$15,000.00	5.0%
3.4.G - Prep for and Attend Public Hearings		\$17,100.00	\$900.00	\$18,000.00	5.0%
3.5 - Obtain Right-of-Way (ROW)		\$256,500.00	\$13,500.00	\$270,000.00	5.0%
3.5.A - Procure ROW Consultant and Appraiser	Write RFPs, review proposals, conduct interviews	\$28,500.00	\$1,500.00	\$30,000.00	5.0%
3.5.B - ROW Identification	Mapping of ROW length/width, conduct title searches, prepare legal descriptions, preliminary coordination with relevant agencies on ROW availability	\$76,000.00	\$4,000.00	\$80,000.00	5.0%
3.5.C - Prepare ROW Cost Estimation	Appraisals, comparable sales study	\$57,000.00	\$3,000.00	\$60,000.00	5.0%
3.5.D - Negotiate ROW with Relevant Agencies	Negotiate fees, obtain encroachment permits, execute easements; agencies may include So Cal Edison, CalTrans, BLM, Private Properties, etc.	\$95,000.00	\$5,000.00	\$100,000.00	5.0%

**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
1. Imported Water Interconnection Project		\$8,069,205.00	\$424,695.00	\$8,493,900.00	5.0%
3.5.E - Purchase ROW		\$0.00	\$0.00	\$0.00	#DIV/0!
3.6 - Other Permitting		\$0.00	\$0.00	\$0.00	#DIV/0!
3.6.A - IWVWD Drinking Water Permit Amendment		\$0.00	\$0.00	\$0.00	#DIV/0!
3.6.B - AQMD Compliance	Emergency generators for pump stations	\$0.00	\$0.00	\$0.00	#DIV/0!
3.6.C - Other	Placeholder	\$0.00	\$0.00	\$0.00	#DIV/0!
<u>Task 4 - Coordination with Partnering Agencies</u>	Develop terms of AVEK annexation, proceed with annexation (LAFCO compliance?), coordination on facility design/permitting/environmental	<u>\$256,500.00</u>	<u>\$13,500.00</u>	<u>\$270,000.00</u>	<u>5.0%</u>
4.1 - Develop Terms of Exchange Agreement and/or Annexation		\$156,750.00	\$8,250.00	\$165,000.00	5.0%
4.2 - Coordinate with KCWA on State Water Project Entitlement Exchange		\$76,000.00	\$4,000.00	\$80,000.00	5.0%
4.3 - Engineering Support for Negotiation of Water Supply Purchase		\$23,750.00	\$1,250.00	\$25,000.00	5.0%

Indian Wells Valley Groundwater Authority
SGM Grant Program SGMA Implementation Projects Funding Round 1
Scope of Work
Component No. 2: Water Recycling Project

Introduction and Justification

The Indian Wells Valley Groundwater Basin (Basin) has been identified by the California Department of Water Resources (DWR) as a critically overdrafted basin of high priority. The Basin's estimated current sustainable yield of 7,650 AFY does not support current groundwater production and current demands, which have been estimated to be approximately four times the current sustainable yield. The degree of Basin overdraft has already contributed to undesirable results in the Basin, and undesirable results will continue to occur until the Basin is brought within its future sustainable yield. The Groundwater Sustainability Plan (GSP) developed by the Indian Wells Valley Groundwater Authority (Authority) included provisions for a project that would increase local recycled water supplies generated at the City of Ridgecrest's (City) wastewater treatment facility (WWTF) and put recycled water to new beneficial uses including landscape irrigation and groundwater replenishment through deep well injection.

The WWTF currently generates secondary-treated wastewater that is put to existing beneficial uses, but most of the secondary-treated wastewater undergoes disposal in evaporation/percolation ponds at the WWTF site. The City is currently planning to upgrade its primary and secondary treatment trains and expand the WWTF's overall capacity. The City plans to construct its new facilities with the capacity for future tertiary treatment facilities, **which will be funded separately**. Under Component No. 2, the Authority plans to work with the City and other groundwater producers such as the Indian Wells Valley Water District to develop and design new beneficial uses of recycled water to contribute to sustainable Basin operations and to mitigate overdraft conditions and

existing undesirable results (particularly the chronic lowering of groundwater levels near major pumping centers).

The proposed Component No. 2 is designated as a high priority project because the Authority views mitigation of Basin overdraft as the highest priority for GSP implementation and has stated in its GSP that a reasonable quantity of overdraft will be allowed to occur during GSP implementation until supplemental (i.e. recycled) water supplies are acquired. The results of the GSP modeling Scenario 6.2 indicated that producing recycled water supplies for beneficial use would significantly contribute to stabilization of groundwater levels, particularly for existing shallow domestic wells, and reduction of the ongoing loss of groundwater in storage. Without the self-sufficient use of recycled water supplies, the Basin would face substantially higher demands for imported water, and therefore higher costs to bring imported water supplies to the Basin. The very high priority of Component No. 2 is maintained because the City and Authority have both already taken steps towards planning, designing, and constructing new facilities that will result in generation of a new recycled water supply for the Basin.

Description and Scope of Work

The proposed Component No. 2 will first consist of furnishing a recycled water alternatives analysis to identify the most feasible and cost-effective beneficial use(s) of recycled water in the Basin. The Authority began the alternatives analysis in 2021 and expects to finish the analysis around mid-2022. The alternatives analysis is intended to serve as a basis for design, permitting, and environmental compliance for the Authority and City's ultimate goal for recycled water use(s). At this time, the Authority's progress in its analysis has led to a preliminary conclusion that groundwater replenishment (through deep well injection) of the recycled water will likely be the most feasible and cost-effective use of recycled water. This conclusion will be verified during the analysis through an evaluation of each of the alternative uses of recycled water, but **for the purposes of this funding opportunity, the proposed Component No. 2 assumes that the Authority and the City will be pursuing a deep well injection project for the recycled water supply.**

Based on the findings of the alternatives analysis, the Authority—with support from the City—will proceed with design, permitting, environmental compliance, right-of-way acquisition, and public outreach regarding the recycled water injection project. The Authority will procure design consultants and proceed with design of advanced treatment facilities, a recycled water pipeline, two (2) anticipated pump stations along the final pipeline alignment, and an injection well. For each major set of facilities (i.e. advanced treatment, pipeline, pump stations, and injection well), the design phase would include preparation of a preliminary design report; topographical surveying, geotechnical, and utility research; appropriate design submittals to partnering agencies such as So Cal Edison and the City; and phased design submittals.

The Authority will address all project permitting requirements during design. At this time, these requirements are anticipated to include (but are not limited to) the following:

- DDW Title 22 Engineering Report
- Report of Waste Discharge to the Lahontan Regional Water Quality Control Board
- Update to the Basin Salt & Nutrient Management Plan
- Section 1211 Petition for Change of Wastewater Diversion
- Section 1602 Lake & Streambed Alteration Agreement
- Background Water Quality Monitoring Program
- Recycled Water Tracer Study
- Recycled Water Project Startup Plan
- Acquisition of right-of-way, easements, and/or encroachment permits from relevant agencies, such as:
 - So Cal Edison
 - Kern County Public Works
 - CalTrans
 - BLM
 - Private property owners

The Authority will also conduct significant public and stakeholder outreach/coordination throughout the planning and design phases of the recycled water effort to inform local regulatory agencies of project progress and to inform the public of changes to Basin water supply operations. Outreach and coordination efforts are anticipated to include (but may not be limited to):

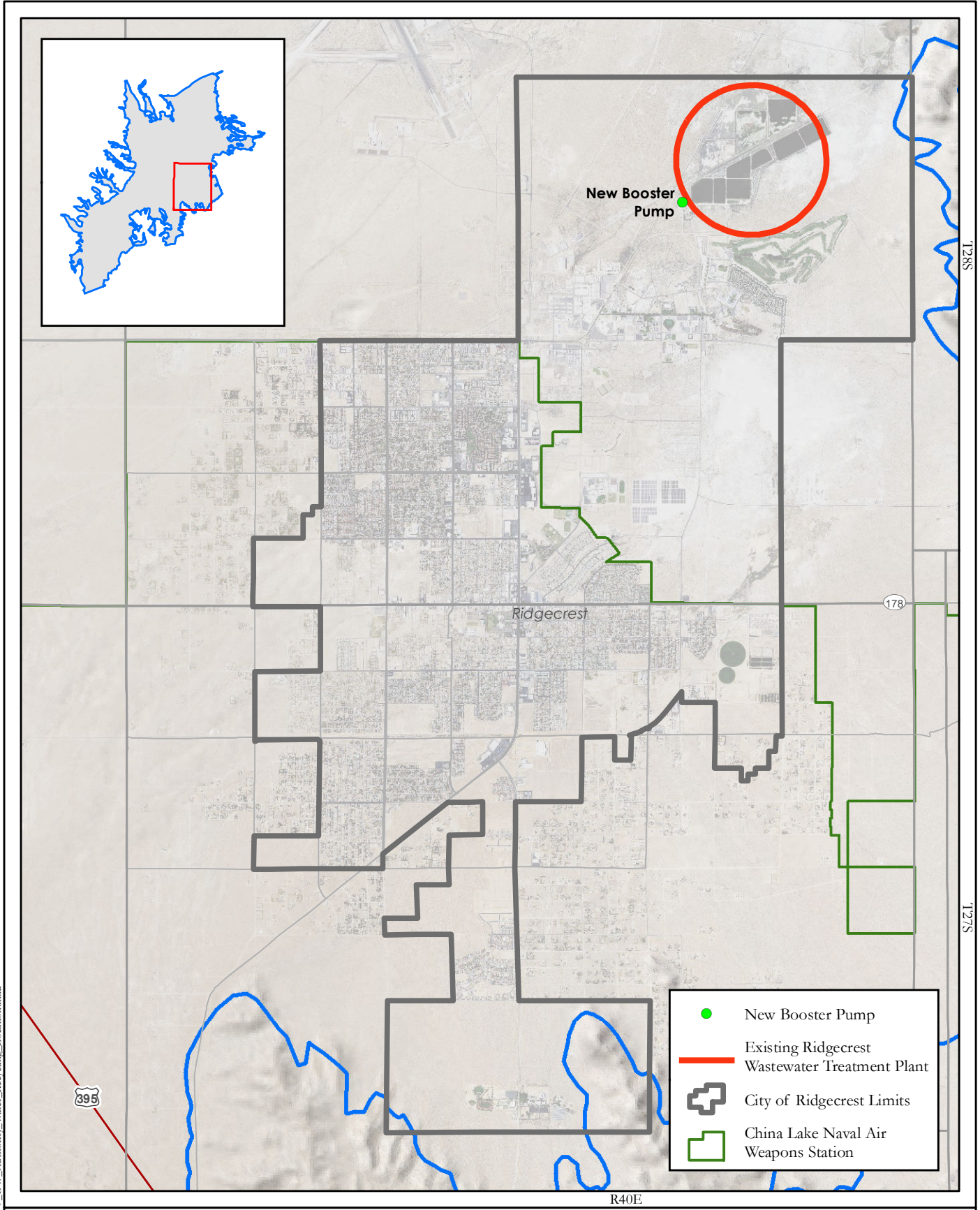
- Issuing planning and design project updates to stakeholders and interested parties
- Regular meetings with regulatory agencies such as:
 - Lahontan Regional Water Quality Control Board
 - State Water Resources Control Board – Division of Drinking Water
- Public/stakeholder engagement during environmental review process

Benefits

After project startup, benefits are anticipated to include the following:

- Mitigation and reduction of Basin overdraft
- Potential increase in future Basin sustainable yield
- Enhanced water supply reliability
- Increased and enhanced beneficial use of local water supplies

Reduction of loss of groundwater in storage and of the chronic lowering of groundwater levels will reduce impacts to shallow wells. In addition, the proposed project will decrease the volume of imported water which will be required to achieve sustainability. By reducing groundwater production in the Basin, optimized use of recycled water supplies will assist the Authority in achieving the sustainability goal by preserving the character of the community, preserving the quality of life for the residents in the Basin, and sustaining the mission at NAWS China Lake.

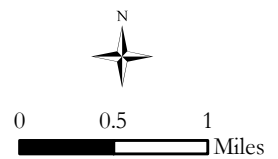


- New Booster Pump
- Existing Ridgecrest Wastewater Treatment Plant
- City of Ridgecrest Limits
- China Lake Naval Air Weapons Station

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**INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
COMPONENT #2 – WATER RECYCLING PROJECT
PROJECT LOCATION (TENTATIVE)**



**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
2. Water Recycling Project		\$3,742,525.00	\$196,975.00	\$3,939,500.00	5.0%
Task 1 - Recycled Water Alternatives Analysis	Select most beneficial and cost-effective use of recycled water	\$66,500.00	\$3,500.00	\$70,000.00	5.0%
Task 2 - Design		\$2,376,900.00	\$125,100.00	\$2,502,000.00	5.0%
2.1 - Procure Design Consultants	Write RFPs, review proposals, conduct interviews	\$76,000.00	\$4,000.00	\$80,000.00	5.0%
2.2 - Preliminary Design Report		\$190,000.00	\$10,000.00	\$200,000.00	5.0%
2.3 - Surveying, Geotechnical, and Utility Research		\$133,000.00	\$7,000.00	\$140,000.00	5.0%
2.4 - Advanced Treatment Design		\$674,500.00	\$35,500.00	\$710,000.00	5.0%
2.4.A - Prepare 10% Design	Site layouts of major facilities	\$95,000.00	\$5,000.00	\$100,000.00	5.0%
2.4.B - Prepare 30% Design	Profile sheets	\$152,000.00	\$8,000.00	\$160,000.00	5.0%
2.4.C - Prepare 60% Design	Detail sheets for connections, valves, etc.	\$237,500.00	\$12,500.00	\$250,000.00	5.0%
2.4.D - Prepare 90% Design and Final Design Submittals	Detail sheets for electrical, structural, mechanical, etc.	\$190,000.00	\$10,000.00	\$200,000.00	5.0%
2.5 - Pump Station (PS) Designs		\$1,303,400.00	\$68,600.00	\$1,372,000.00	5.0%
2.5.A - Prepare Draft SCE Design Submittals		\$32,300.00	\$1,700.00	\$34,000.00	5.0%
2.5.B - Prepare Revised SCE Design Submittals		\$7,600.00	\$400.00	\$8,000.00	5.0%
2.5.C - SCE Meetings and Coordination on Design		\$9,500.00	\$500.00	\$10,000.00	5.0%
2.5.D - Prepare 10% Design (PS 1)	Site layouts of major facilities	\$114,000.00	\$6,000.00	\$120,000.00	5.0%
2.5.E - Prepare 30% Design (PS 1)	Profile sheets	\$152,000.00	\$8,000.00	\$160,000.00	5.0%
2.5.F - Prepare 60% Design (PS 1)	Detail sheets for connections, valves, etc.	\$171,000.00	\$9,000.00	\$180,000.00	5.0%
2.5.G - Prepare 90% Design and Final Design Submittals (PS 1)	Detail sheets for electrical, structural, mechanical, etc.	\$190,000.00	\$10,000.00	\$200,000.00	5.0%
2.5.H - Prepare 10% Design (PS 2)	Site layouts of major facilities	\$114,000.00	\$6,000.00	\$120,000.00	5.0%
2.5.I - Prepare 30% Design (PS 2)	Profile sheets	\$152,000.00	\$8,000.00	\$160,000.00	5.0%
2.5.J - Prepare 60% Design (PS 2)	Detail sheets for connections, valves, etc.	\$171,000.00	\$9,000.00	\$180,000.00	5.0%
2.5.K - Prepare 90% Design and Final Design Submittals (PS 2)	Detail sheets for electrical, structural, mechanical, etc.	\$190,000.00	\$10,000.00	\$200,000.00	5.0%
2.5 - Pipeline Design		\$659,300.00	\$34,700.00	\$694,000.00	5.0%
2.5.A - Coordination with City on Connection Locations		\$32,300.00	\$1,700.00	\$34,000.00	5.0%
2.5.B - Prepare 10% Design	Site layouts of major facilities	\$114,000.00	\$6,000.00	\$120,000.00	5.0%
2.5.C - Prepare 30% Design	Profile sheets	\$152,000.00	\$8,000.00	\$160,000.00	5.0%
2.5.D - Prepare 60% Design	Detail sheets for connections, valves, etc.	\$171,000.00	\$9,000.00	\$180,000.00	5.0%
2.5.E - Prepare 90% Design and Final Design Submittals	Detail sheets for electrical, structural, mechanical, etc.	\$190,000.00	\$10,000.00	\$200,000.00	5.0%
2.5 - Injection Well Design		\$676,400.00	\$35,600.00	\$712,000.00	5.0%
2.5.A - Prepare Draft SCE Design Submittals		\$32,300.00	\$1,700.00	\$34,000.00	5.0%
2.5.B - Prepare Revised SCE Design Submittals		\$7,600.00	\$400.00	\$8,000.00	5.0%
2.5.C - SCE Meetings and Coordination on Design		\$9,500.00	\$500.00	\$10,000.00	5.0%

**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non-State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
2. Water Recycling Project		\$3,742,525.00	\$196,975.00	\$3,939,500.00	5.0%
2.5.D - Prepare 10% Design	Site layouts of major facilities	\$114,000.00	\$6,000.00	\$120,000.00	5.0%
2.5.E - Prepare 30% Design	Profile sheets	\$152,000.00	\$8,000.00	\$160,000.00	5.0%
2.5.F - Prepare 60% Design	Detail sheets for connections, valves, etc.	\$171,000.00	\$9,000.00	\$180,000.00	5.0%
2.5.G - Prepare 90% Design and Final Design Submittals	Detail sheets for electrical, structural, mechanical, etc.	\$190,000.00	\$10,000.00	\$200,000.00	5.0%
Task 3 - Permitting		\$796,100.00	\$41,900.00	\$838,000.00	5.0%
3.1 - Prepare DDW Title 22 Engineering Report		\$190,000.00	\$10,000.00	\$200,000.00	5.0%
3.2 - Prepare Report of Waste Discharge to RWQCB		\$71,250.00	\$3,750.00	\$75,000.00	5.0%
3.3 - Prepare Basin Salt & Nutrient Management Plan Update		\$66,500.00	\$3,500.00	\$70,000.00	5.0%
3.4 - Prepare Section 1211 Petition for Change of Wastewater Diversion to SWRCB		\$9,500.00	\$500.00	\$10,000.00	5.0%
3.5 - Section 1602 Lake & Streambed Alteration Agreement		\$7,600.00	\$400.00	\$8,000.00	5.0%
3.6 - Prepare Background Water Quality Monitoring Program		\$190,000.00	\$10,000.00	\$200,000.00	5.0%
3.7 - Develop Recycled Water Tracer Study		\$95,000.00	\$5,000.00	\$100,000.00	5.0%
3.8 - Develop Recycled Water Project Startup Plan		\$71,250.00	\$3,750.00	\$75,000.00	5.0%
3.9 - Acquire Easements/Encroachment Permits for Construction Activities	May include Kern County Public Works, CalTrans, So Cal Edison, etc.	\$95,000.00	\$5,000.00	\$100,000.00	5.0%
3.10 - Other	Placeholder	\$0.00	\$0.00	\$0.00	#DIV/0!
Task 4 - Environmental		\$237,025.00	\$12,475.00	\$249,500.00	5.0%
4.1 - Procure Environmental Consultant		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
4.2 - CEQA Compliance		\$208,525.00	\$10,975.00	\$219,500.00	5.0%
4.2.A - Conduct Technical Investigations	Air quality assessment, energy consumption analysis, greenhouse gas emissions assessment, noise impact, cultural/biological resources, paleontological resources evaluation	\$58,900.00	\$3,100.00	\$62,000.00	5.0%
4.2.B - Prepare Initial Study (IS)		\$33,250.00	\$1,750.00	\$35,000.00	5.0%
4.2.C - Publish Notice of Preparation (NOP)		\$4,750.00	\$250.00	\$5,000.00	5.0%
4.2.D - Prepare Draft Environmental Impact Report (EIR)		\$47,500.00	\$2,500.00	\$50,000.00	5.0%
4.2.E - Publish Notice of Completion (NOC)		\$4,750.00	\$250.00	\$5,000.00	5.0%
4.2.F - Prepare Final EIR (including responses to comments on Draft EIR)		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
4.2.G - Develop Mitigation Monitoring and Reporting Program (MMRP)		\$11,400.00	\$600.00	\$12,000.00	5.0%
4.2.H - Publish Notice of Determination (NOD)		\$2,375.00	\$125.00	\$2,500.00	5.0%
4.2.I - Prep for and Attend Public Hearings		\$17,100.00	\$900.00	\$18,000.00	5.0%
Task 5 - Obtain Right-of-Way (ROW)		\$171,000.00	\$9,000.00	\$180,000.00	5.0%
5.1 - Land Acquisition, or Navy Easement Revision/Coordination	Depending on whether advanced treatment facilities will fit in the current City-Navy easement boundaries	\$66,500.00	\$3,500.00	\$70,000.00	5.0%
5.2 - Procure ROW Consultant and Appraiser	Write RFPs, review proposals, conduct interviews	\$28,500.00	\$1,500.00	\$30,000.00	5.0%

**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
2. Water Recycling Project		\$3,742,525.00	\$196,975.00	\$3,939,500.00	5.0%
5.3 - ROW Identification	Mapping of ROW length/width, conduct title searches, prepare legal descriptions, preliminary coordination with relevant agencies on ROW availability	\$76,000.00	\$4,000.00	\$80,000.00	5.0%
5.4 - Prepare ROW Cost Estimation	Comparable sales study	\$0.00	\$0.00	\$0.00	#DIV/0!
5.5 - Negotiate ROW with Relevant Agencies	Conduct title searches, prepare legal descriptions and appraisals, negotiate fees, obtain encroachment permits, execute easements; agencies may include So Cal Edison, CalTrans, BLM, Private Properties, etc.	\$0.00	\$0.00	\$0.00	#DIV/0!
5.6 - Purchase ROW		\$0.00	\$0.00	\$0.00	#DIV/0!
Task 6 - General Public Outreach and Coordination		<u>\$95,000.00</u>	<u>\$5,000.00</u>	<u>\$100,000.00</u>	<u>5.0%</u>

Indian Wells Valley Groundwater Authority
SGM Grant Program SGMA Implementation Projects Funding Round 1
Scope of Work
Component No. 3: Annual Reporting for Indian Wells Valley GSP

Introduction and Justification

The GSP for the Indian Wells Valley Groundwater Basin (Basin) was adopted by the Authority Board of Directors on January 16, 2020, and was submitted to DWR on January 31, 2020. Pursuant to California Water Code Section 10728, the Authority is required to submit GSP Annual Reports every year to provide an update on Basin conditions and Basin management activities for the preceding water year. For each water year in the GSP planning & implementation horizon, the Annual Reports are required to provide information on groundwater elevations; groundwater extractions; surface water supplies used for or available for use for groundwater recharge or in-lieu use; total water use; and changes in groundwater storage. Additionally, SGMA requires that the Authority re-evaluate its GSP at least every five years and provide a written assessment of the re-evaluation to the Department of Water Resources (DWR). The DWR released its “approval” determination of the Authority’s GSP on January 13, 2022, and included in its determination seven (7) recommended corrective actions that DWR believes will enhance the GSP and facilitate DWR’s future evaluations of the GSP for consistency with SGMA. The Authority’s 5-year GSP Update is due no later than January 31, 2025.

Under Component No. 3, Authority Staff will prepare Annual Reports for upcoming water years within the timeframe of the SGMA-IP grant, and also prepare the 5-Year GSP Update. These GSP reporting documents are essential for the Authority to report on current Basin conditions, report and re-evaluate its sustainable management criteria, and track its overall progress in implementing the GSP and achieving the GSP sustainability goal.

Description and Scope of Work

Component No. 3 will consist of completing three GSP Annual Reports (for Water Years 2021-22, 2022-23, and 2023-24). The Annual Reports will include both data and a narrative description of the Authority's progress towards GSP implementation as described in §356.2 of the GSP Emergency Regulations. Data collected from the Authority's Basin monitoring network and from other sources (such as water levels, water quality, groundwater pumping, and total water use) will be compiled and formatted graphically for inclusion in the Annual Reports. The data will be discussed in the Annual Reports to determine Basin conditions for the water year. The Annual Reports will describe and present the results of the methodology to approximate changes in groundwater storage for the appropriate water year. The Annual Reports will also provide a description of progress in GSP implementation since the previous annual report, including any achieving of interim milestones for relevant projects and management actions.

Component No. 3 will also include completion of the upcoming 5-Year GSP Update due in January 2025. As described in §356.4 of the GSP Emergency Regulations, the 5-Year GSP Update will describe whether the Authority's GSP implementation actions over the five-year period since GSP adoption are currently meeting the Basin sustainability goal identified in the GSP. For the five-year period between January 2020 and January 2025, the 5-Year GSP Update will address the following:

- Groundwater conditions for each sustainability indicator relative to measurable objectives, interim milestones, and minimum thresholds
- Implementation of projects and management actions and their effect on groundwater conditions
- Monitoring network activities with an assessment of the need for potential improvements
- Data gaps identified and addressed

- Re-evaluation of the Basin setting, undesirable results, and sustainable management criteria in response to filling of data gaps
- Information on relevant actions taken by the Authority related to the GSP, including any enforcement or legal actions taken in furtherance of the Basin sustainability goal

During development of the 5-Year GSP Update, the Authority will address and respond to the seven (7) recommended corrective actions listed in the DWR “approval” determination of the Authority’s GSP. The 5-Year GSP Update will also require substantial updates to the current Basin numerical model to address filled data gaps, and the Authority anticipates that model updates will require significant coordination between the Navy and a Technical Modeling Group (TMG). The numerical model will be used to project future groundwater conditions occurring as a result of GSP implementation actions taken by the Authority between January 2020 and January 2025.

Benefits

Project benefits are anticipated to include reducing financial impact of GSP implementation on the general public and Underrepresented Communities (URCs), as preparation of these reports are anticipated to otherwise be funded by the Authority’s ongoing extraction fee.

**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
3. Annual Reporting for Indian Wells Valley GSP		\$847,020.00	\$44,580.00	\$891,600.00	5.0%
Task 1 - Prepare Annual Report for Water Year 2020-21		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
Task 2 - Prepare Annual Report for Water Year 2021-22		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
Task 3 - Prepare Annual Report for Water Year 2022-23		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
Task 4 - Prepare Annual Report for Water Year 2023-24		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
Task 5 - Prepare 5-Year GSP Update		\$733,020.00	\$38,580.00	\$771,600.00	5.0%
5.1 - Prepare Responses to DWR Comments/Recommendations on GSP		\$47,500.00	\$2,500.00	\$50,000.00	5.0%
5.2 - Establish and Coordinate Technical Model Group (TMG)		\$142,500.00	\$7,500.00	\$150,000.00	5.0%
5.3 - Address DWR RCI No. 1: Ongoing Communication & Engagement	Compile information on ongoing communication elements as required in GSP regulations, describe how those elements fit into IWVGA Communication & Engagement Plan	\$19,000.00	\$1,000.00	\$20,000.00	5.0%
5.5 - Address DWR RCI No. 2: Hydrogeologic and Water Quality Data Gaps	Investigate the hydraulic conductivity of the vertical and lateral relationships between the three hydrogeologic zone within the shallow and deep principal aquifers to improve the understanding of potential migration of impaired water (and impacts to water levels).	\$47,500.00	\$2,500.00	\$50,000.00	5.0%
5.5 -Address DWR RCI No. 3: Water Budget Assumptions & Climate Change Projections	Will require TMG input on climate change data/analysis	\$47,500.00	\$2,500.00	\$50,000.00	5.0%
5.6 - Address DWR RCI No. 4: PMA Updates and Contingency Plans		\$47,500.00	\$2,500.00	\$50,000.00	5.0%
5.7 - Address DWR RCI No. 5: General SMC Updates and Re-evaluation		\$66,500.00	\$3,500.00	\$70,000.00	5.0%
5.8 - Address DWR RCI No. 6: Reassessment of Monitoring for Degraded Water Quality		\$47,500.00	\$2,500.00	\$50,000.00	5.0%
5.9 - Address DWR RCI No. 7: DMS Updates and Data Reporting		\$47,500.00	\$2,500.00	\$50,000.00	5.0%
5.10 - Update/Upgrade Basin Model		\$28,500.00	\$1,500.00	\$30,000.00	5.0%
5.11 - Re-run GSP Management Scenarion 6.2	To include all GSP implementation actions taken through 2024, such as reduced pumping	\$33,250.00	\$1,750.00	\$35,000.00	5.0%
5.12 - GSP 5-Year Update Development and Compilation	Draft the updated GSP chapters, release for public review, receive and respond to comments, make revisions, final compilation and submission	\$158,270.00	\$8,330.00	\$166,600.00	5.0%

Indian Wells Valley Groundwater Authority
SGM Grant Program SGMA Implementation Projects Funding Round 1
Scope of Work

Component No. 4: Data Gap Evaluation, Data Collection, and Monitoring Program

Introduction and Justification

Data to be monitored and managed for assessing sustainability under the GSP include physical datasets that describe aquifer structure and characteristics, inflows and outflows of the groundwater budget, and changes in quantity and quality of groundwater in storage. DWR's GSP Emergency Regulations §351 specifies that "data gaps" refer to a lack of information that significantly affects the understanding of the basin setting or evaluation of the efficacy of GSP implementation, and could limit the ability to assess whether a basin is being sustainably managed. The Indian Wells Valley Groundwater Authority's (Authority) GSP identified various Basin data gaps including groundwater-dependent ecosystems (GDEs), aquifer properties in certain areas of the Basin, water quality in the northwest portion of the Basin, the definable Basin bottom, and domestic well numbers and water use. The Authority remains committed to identifying and addressing Basin data gaps during GSP implementation and plans to re-evaluate data gaps and their current effect on the GSP during the upcoming 5-Year GSP Update.

Component No. 4 involves a data gap evaluation, data collection, and monitoring program that will address data gaps identified in the Authority's GSP and by regulatory agencies such as DWR and the State Water Resources Control Board. These data gaps include GDEs; Basin aquifer properties; water quality data in certain areas of the Basin; and estimates of domestic/de minimis water use. The filled data gaps will be used to assist in calibration and update of the Basin's numerical model for future use, particularly for the 5-Year GSP Update due in January 2025.

Description and Scope of Work

In August 2021, Authority Staff conducted a reconnaissance field trip to identify key Basin areas that may contain viable GDE communities and that were favorable for measurement of groundwater characteristics (i.e. water levels). Based on the results of the reconnaissance field trip, the Authority will plan to conduct a second reconnaissance field trip at different potential monitoring sites in 2022, and a subsequent GDE monitoring plan will be developed based on the findings of the second reconnaissance field trip. The GDE monitoring plan will identify key GDE monitoring sites and associated monitoring wells that may assist in quantifying root extinction depths, vegetation type mapping, and correlations between depth to groundwater and vegetative health. Following development of the GDE monitoring plan, Authority Staff will conduct baseline GDE surveys at the key monitoring sites and subsequent annual surveys for baseline comparison to evaluate whether GDEs in the Basin are vulnerable and susceptible to impacts related to the chronic lowering of groundwater levels.

Limited aquifer property data was used to calibrate the Basin numerical groundwater model. New aquifer tests—particularly in the northwest, southwest, southeast, and El Paso areas of the Basin—will be required to obtain aquifer property information for model calibration during development of the 5-Year GSP Update. Aquifer property information includes transmissivity, storage, and semi-confining layers as well as boundary conditions such as faults, bedrock, recharge, and well interference. Aquifer test work plans will be developed to include specifications and locations of wells to be tested. Each aquifer test will include a series of three to four step tests, 78- to 96-hour constant rate tests, and a recovery test. Groundwater level data collected from the pumping tests will be reviewed and analyzed by certified Authority Staff for reporting on Basin conditions in the test areas.

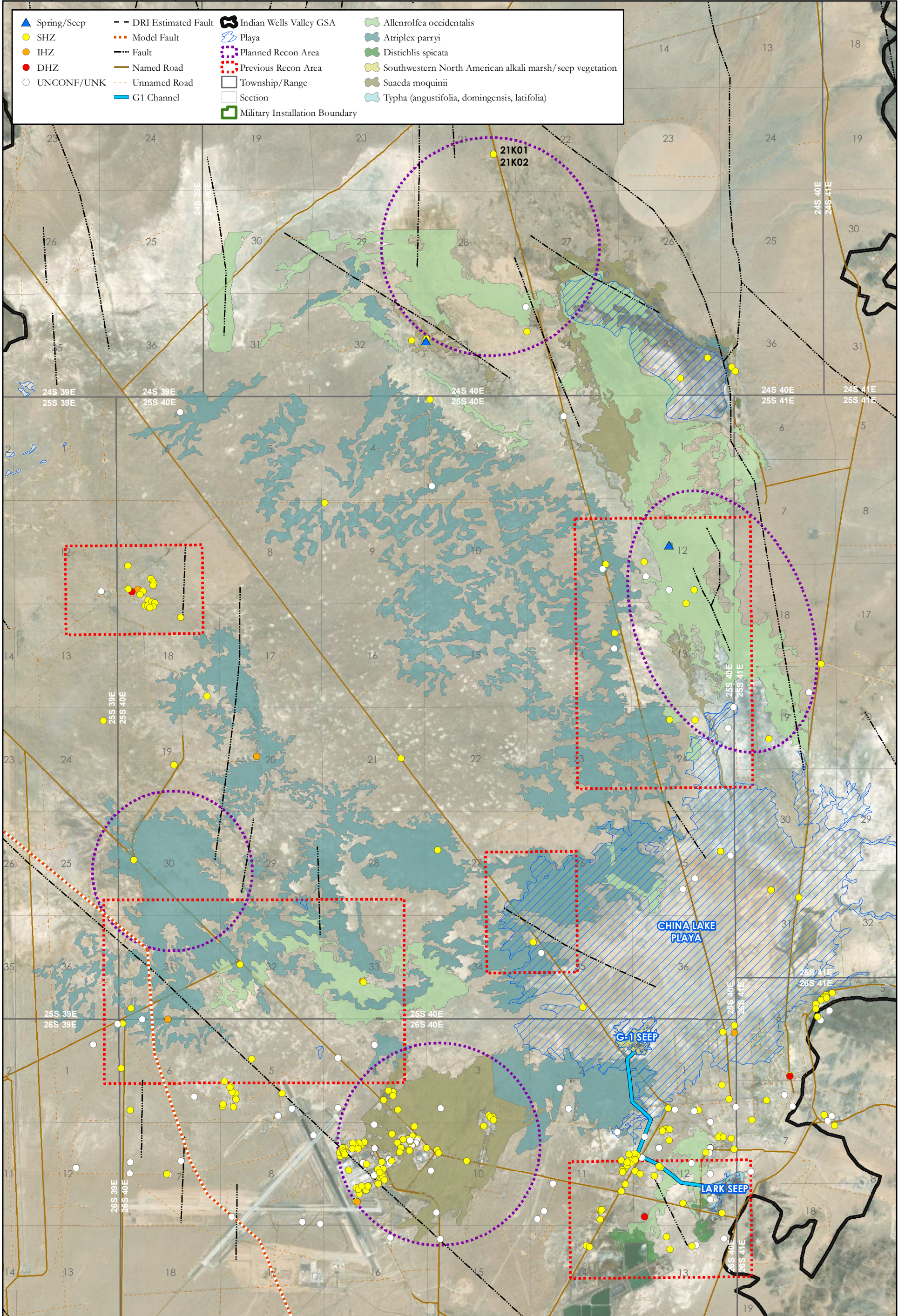
As stated in the Authority's GSP, the northwest area of the Basin has documented poor water quality that is still designated for domestic use and is also used for agricultural purposes. This area of the Basin is of concern for water quality degradation, but due to

the limited publicly available water quality data in this area, sustainable management criteria in this area of the Basin could not be established at time of GSP preparation. New monitoring wells are required in the northwest portion of the Basin to establish baseline Total Dissolved Solids (TDS) concentrations and subsequent sustainable management criteria.

Domestic/de minimis groundwater pumping is currently estimated based on previous Basin studies that have estimated the number and location of domestic wells. These previous estimates were refined during GSP development by using aerial photography and approximate locations of permitted well to account for municipal and cooperative wells supplying some groundwater to rural domestic homes. The Authority will further refine the estimate of domestic wells through ground-truthing, which may involve review of available parcel maps, well construction histories for county-permitted wells, and other field surveying methods. The Authority will also revise its estimate of annual water use by domestic wells through outreach to current domestic well owners.

Benefits

Benefits are anticipated to include addressing data gaps for model calibration and greater understanding of Basin hydrological and hydrogeologic conditions. The proposed Component No. 4 will also allow for greater ability to assess whether the Basin is being sustainably managed. Some subtasks within Component No. 4 (will include public outreach via involvement of the Authority's Technical Advisory Committee to review methodologies to address data gaps and via outreach to domestic well owners regarding well characteristics and water use trends.



INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
 COMPONENT #4 – DATA GAP EVALUATION, DATA COLLECTION,
 AND MONITORING PROGRAM
 GDE MONITORING LOCATIONS (TENTATIVE)

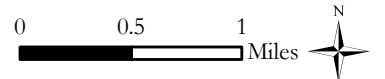
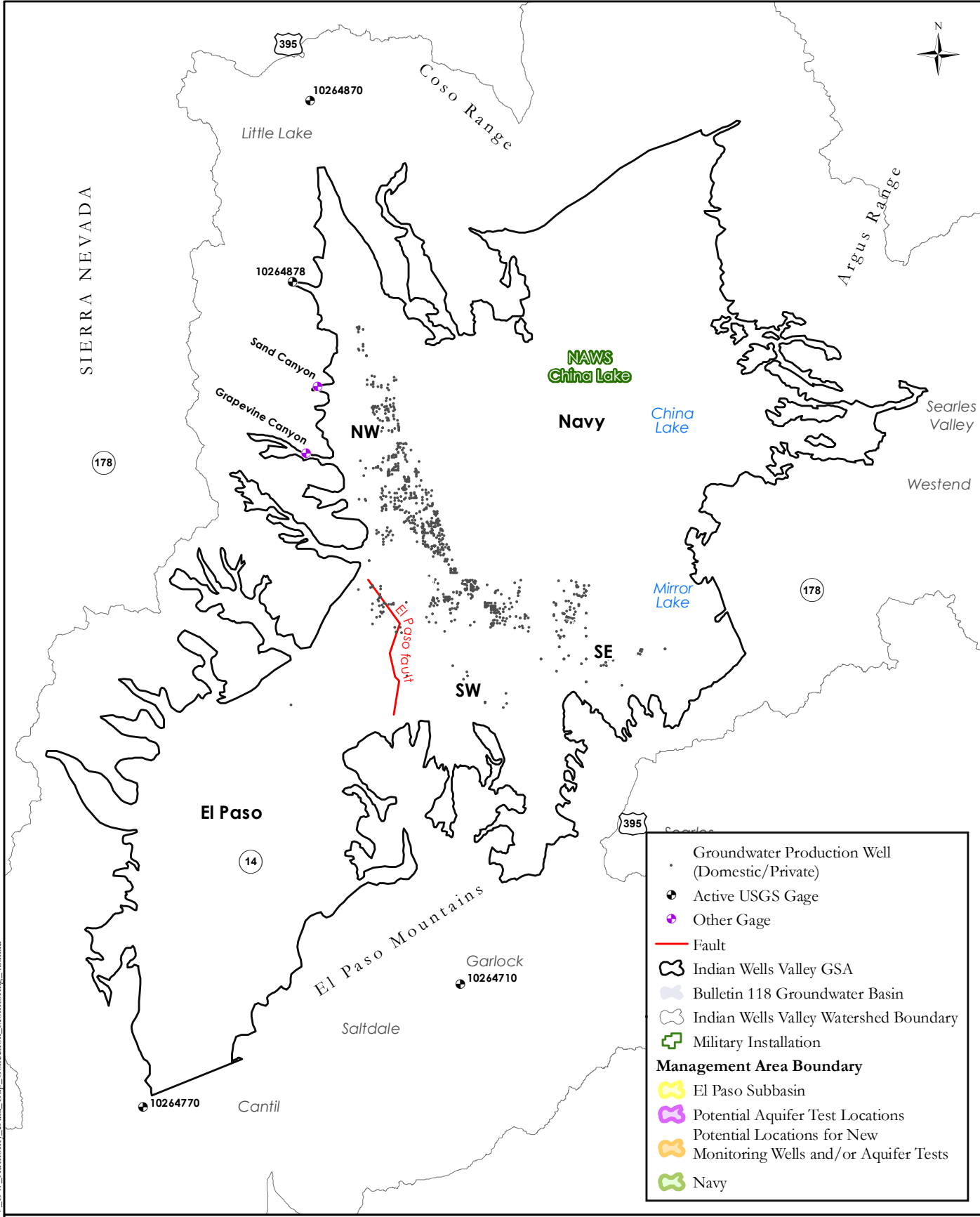


FIGURE 4A



	Groundwater Production Well (Domestic/Private)
	Active USGS Gage
	Other Gage
	Fault
	Indian Wells Valley GSA
	Bulletin 118 Groundwater Basin
	Indian Wells Valley Watershed Boundary
	Military Installation
Management Area Boundary	
	El Paso Subbasin
	Potential Aquifer Test Locations
	Potential Locations for New Monitoring Wells and/or Aquifer Tests
	Navy

**INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
 COMPONENT #4 – DATA GAP EVALUATION, DATA COLLECTION,
 AND MONITORING PROGRAM
 POTENTIAL AQUIFER TEST AND
 MONITORING WELL LOCATIONS (TENTATIVE)**



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**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
4. Data Gap Evaluation, Data Collection, and Monitoring Program		\$835,335.00	\$43,965.00	\$879,300.00	5.0%
Task 1 - GDE Analysis and Monitoring Program Development		<u>\$45,600.00</u>	<u>\$2,400.00</u>	<u>\$48,000.00</u>	<u>5.0%</u>
1.1 - Additional Field Reconnaissance of Potential GDEs	Coordinate with Navy on setting up field trip and NAWs site access; identify monitoring wells near mapped GDE locations;	\$8,930.00	\$470.00	\$9,400.00	5.0%
1.2 - Identify Preliminary GDE Monitoring Sites and Monitoring Wells	Gather and document results from reconnaissance field trips	\$3,705.00	\$195.00	\$3,900.00	5.0%
1.3 - Conduct Baseline GDE Surveys		\$4,940.00	\$260.00	\$5,200.00	5.0%
1.4 - Prepare Baseline Survey Report		\$5,700.00	\$300.00	\$6,000.00	5.0%
1.5 - Conduct Subsequent Annual Surveys		\$14,820.00	\$780.00	\$15,600.00	5.0%
1.6 - Finalize/Present GDE Monitoring Sites and Monitoring Wells	Present to TAC	\$7,505.00	\$395.00	\$7,900.00	5.0%
Task 2 - Aquifer Tests		<u>\$163,685.00</u>	<u>\$8,615.00</u>	<u>\$172,300.00</u>	<u>5.0%</u>
2.1 - Prepare Work Plan		\$34,295.00	\$1,805.00	\$36,100.00	5.0%
2.2 - Perform Aquifer Tests		\$129,390.00	\$6,810.00	\$136,200.00	5.0%
Task 3 - Monitoring Wells		<u>\$587,100.00</u>	<u>\$30,900.00</u>	<u>\$618,000.00</u>	<u>5.0%</u>
3.1 - Location Siting, Design, and Permitting/Access Agreements		\$14,155.00	\$745.00	\$14,900.00	5.0%
3.2 - Work Plan Development and Well Construction		\$519,460.00	\$27,340.00	\$546,800.00	5.0%
3.3 - Collection of Monitoring Well Data		\$53,485.00	\$2,815.00	\$56,300.00	5.0%
Task 4 - De Minimis Water Use Estimation		<u>\$38,950.00</u>	<u>\$2,050.00</u>	<u>\$41,000.00</u>	<u>5.0%</u>
4.1 - Revise Estimate of Number of De Minimis Wells	Parcel mapping and/or field surveying	\$33,250.00	\$1,750.00	\$35,000.00	5.0%
4.2 - Revise Estimate of Annual De Minimis Well Production	Maybe reach out to registered de minimis well owners?	\$5,700.00	\$300.00	\$6,000.00	5.0%

Indian Wells Valley Groundwater Authority
SGM Grant Program SGMA Implementation Projects Funding Round 1
Scope of Work
Component No. 5: Pumping Optimization Investigation

Introduction and Justification

The Indian Wells Valley Groundwater Basin (Basin) is in a state of critical overdraft and is currently experiencing undesirable results such as chronic lowering of groundwater levels in major pumping centers. These undesirable results directly impact the ability of shallow well owners to meet potable water demands and will continue until sustainability is reached. Numerical modeling performed during development of the Indian Wells Valley Groundwater Authority's (Authority) Groundwater Sustainability Plan (GSP) suggested that some current groundwater pumping must be redistributed to less centralized areas in the Basin to reduce concentrated pumping centers that would lead to continuing localized declining groundwater levels and corresponding continuing impacts to shallow domestic wells. The Authority has proceeded with implementing programs that will greatly reduce and/or curtail some agricultural groundwater pumping in the northwest portions of the Basin over time, therefore stabilizing groundwater levels in these areas. However, significant groundwater pumping by major producers such as the Indian Wells Valley Water District (IWWVD) to the west and southwest of the City of Ridgecrest boundaries is anticipated to continue in the future, so the groundwater levels in these areas will not completely stabilize.

The Authority's GSP proposed a pumping optimization project to relocate some major groundwater production by the IWWVD to the northwest areas of the basin once pumping in those areas has substantially decreased. However, since GSP adoption, the Authority and other Basin stakeholders have considered the El Paso subbasin as a potential alternative location for redistribution of IWWVD pumping. The proposed Component No. 5 will consist of an exploratory effort and feasibility-level investigation of

the El Paso subbasin area, which is hydrogeologically disconnected from the main part of the Basin and the current major pumping centers. The Component will result in a greater understanding of El Paso subbasin geometry, annual yield/recharge, and recharge potential.

Description and Scope of Work

Available seismic line data will be reviewed to obtain additional information on El Paso subbasin lithology and structure including depths to bedrock, depths to consolidated sediments, fault locations, etc. The seismic line data will be used to identify potential sites for physical exploration through pilot bores to perform geophysical logging and water quality sampling. Should the pilot bore locations be deemed favorable based on the geophysical logging results, exploratory wells will be constructed at those sites for subsequent aquifer testing. New monitoring wells would also be sited and constructed to pair with the test wells during aquifer testing. Prior to well drilling, the Authority would identify any public and/or private landowners covering the potential well sites and the permitting and environmental requirements needed to conduct the well drillings. These requirements may include private landowner easement agreements, right-of-way grants for lands within the jurisdiction of the U.S. Bureau of Land Management (BLM), and any CEQA or NEPA filings.

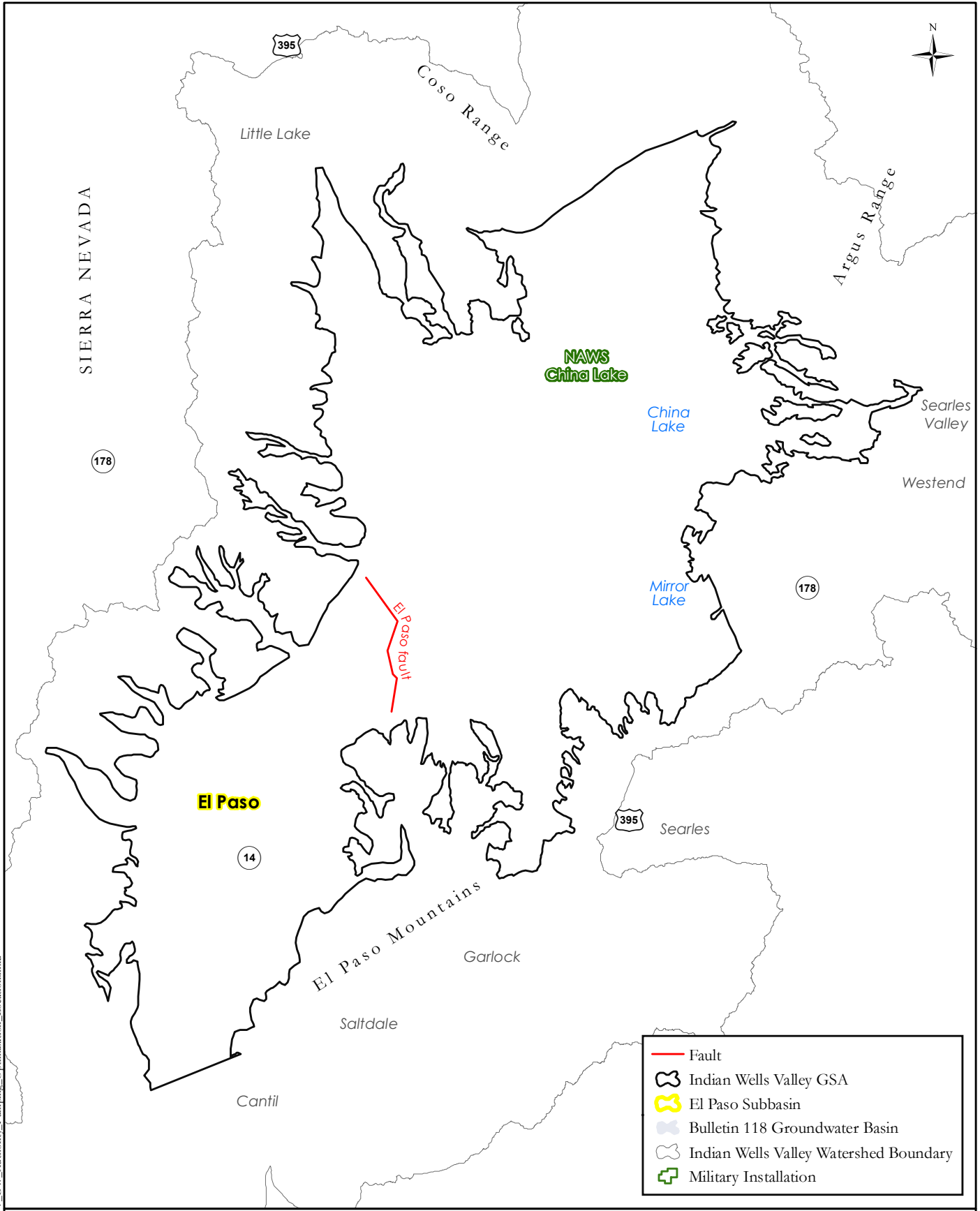
Aquifer test work plans will be developed, and the aquifer tests will be conducted (with monitoring well measurements) to provide a greater understanding of El Paso subbasin conditions such as depths-to-water, quantity of available groundwater in storage, and annual recharge quantities, all of which are data gaps identified or discussed in the Authority's GSP. The aquifer test results will be reviewed by a certified hydrogeologist, and a technical memorandum summarizing the test results and the El Paso subbasin characteristics will be prepared.

Benefits

The proposed Component will provide the following benefits:

- Enhanced understanding of Basin geology and hydrogeology
- Addressing of data gaps identified in the Basin GSP

It should be noted that the proposed Component consists solely of an exploratory investigation and feasibility-level analysis of water resources in the El Paso subbasin. Other benefits (such as increased and enhanced beneficial use of water supplies, mitigation and reduction of Basin overdraft, and increased water supply reliability) would not be achieved through this Component alone but would result from subsequent phases of the Authority's overall pumping optimization effort.



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**INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
 COMPONENT #5 – PUMPING OPTIMIZATION INVESTIGATION
 PROJECT LOCATION (TENTATIVE)**



**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
5. Pumping Optimization Investigation		\$3,486,500.00	\$183,500.00	\$3,670,000.00	5.0%
Task 1 - Obtain and Review Seismic Reflection Survey Data		<u>\$95,000.00</u>	<u>\$5,000.00</u>	<u>\$100,000.00</u>	5.0%
Task 2 - Identify Potential Areas for Exploratory Test Wells		<u>\$38,000.00</u>	<u>\$2,000.00</u>	<u>\$40,000.00</u>	5.0%
Task 3 - Identify and Submit Permitting/Environmental Requirements		<u>\$285,000.00</u>	<u>\$15,000.00</u>	<u>\$300,000.00</u>	5.0%
Task 4 - Construct Exploratory Test Wells	Assuming 2 wells	<u>\$2,280,000.00</u>	<u>\$120,000.00</u>	<u>\$2,400,000.00</u>	5.0%
Task 5 - Construct Monitoring Wells Proximate to Exploratory Test Wells	Assuming 1 monitoring well for each exploratory well	<u>\$665,000.00</u>	<u>\$35,000.00</u>	<u>\$700,000.00</u>	5.0%
Task 6 - Develop Work Plans and Perform Aquifer Tests	Two tests, one at each exploratory well	<u>\$85,500.00</u>	<u>\$4,500.00</u>	<u>\$90,000.00</u>	5.0%
Task 7 - Evaluate Aquifer Characteristics and Prepare Technical Memorandum		<u>\$38,000.00</u>	<u>\$2,000.00</u>	<u>\$40,000.00</u>	5.0%

Indian Wells Valley Groundwater Authority
SGM Grant Program SGMA Implementation Projects Funding Round 1
Scope of Work
Component No. 6: Conservation Feasibility Study

Introduction and Justification

Due to the current state of overdraft and the current unavailability of supplemental water supplies, further developing and expanding on current conservation efforts in the Indian Wells Valley Groundwater Basin (Basin) are a necessity to reach sustainability. The estimated current sustainable yield of 7,650 AFY does not support current groundwater production and current demands. It is infeasible for the community to make immediate reductions in demands to the current sustainable yield without extreme lifestyle changes, alterations to the character of the community, loss of livelihoods, and great financial costs, among other negative impacts. Accordingly, the Indian Wells Valley Groundwater Authority (Authority) must work with groundwater users in the Basin to implement basin-wide conservation measures that will minimize groundwater production and therefore minimize the quantity (and cost) of supplemental water required to reach future Basin sustainability.

The Indian Wells Valley Water District (IWWVD), City of Ridgecrest (City), and Naval Air Weapons Station China Lake (NAWSCL) have previously adopted conservation measures within their respective jurisdictions in an effort to mitigate overdraft conditions in the Basin. The Authority's proposed Component No. 6 will consist of a conservation feasibility study to identify additional domestic and municipal conservation opportunities for potential future implementation throughout the Basin. This Component would allow the Authority to minimize future undesirable results occurring due to prolonged Basin overdraft and further address the loss of groundwater in storage and the chronic lowering of groundwater levels in the Basin.

Description and Scope of Work

The Authority will retain the services of a professional water conservation consultant to perform the conservation feasibility study. Historically, the IWWWD, the City, and the Navy have implemented mandatory conservation ordinances and water use restrictions within their jurisdictions in an effort to reduce groundwater production in the Basin. These ordinances and water use restrictions have modified practices for landscape irrigation, wash-downs, and other uses that potentially waste water that could be directed toward higher beneficial uses. The Authority has also performed a Water Conservation Pilot Project for Severely Disadvantaged Communities (SDACs) through a Proposition 1 grant. The consultant will review historic local ordinances and restrictions as well as the results of the Authority's Water Conservation Pilot Project for SDACs to identify their potential for implementation throughout the entire Basin and to evaluate whether any further conservation measures can be feasibly implemented without extreme lifestyle changes, alteration of community character, loss of livelihoods, great financial costs, and other significant negative impacts to the Basin community.

The consultant, in coordination with the Authority, will confer and meet with domestic and municipal groundwater producers to identify current water use practices and quantify local health and safety water use requirements for all domestic and municipal water users within the Basin. These producers will primarily include the IWWWD, the City, NAWSCL, Inyokern Community Services District, local mutual water companies, co-ops with shared wells, and private well owners (i.e. de minimis users). Current water use practices will be compared to the quantified local health and safety requirements to supplement the determination of whether further conservation measures can be feasibly implemented without extreme lifestyle changes, alteration of community character, loss of livelihoods, great financial costs, and other significant negative impacts to the Basin community.

Based on the results of the aforementioned investigations, the consultant will develop a Strategic Plan for Water Conservation to document the findings of the domestic/municipal health and safety requirements for water use, discussions with

relevant producers, and recommendations for future conservation measures that the Authority could implement throughout the Basin.

Benefits

The proposed Component will directly result in less groundwater production and will assist in alleviating and mitigating Basin overdraft conditions. Component benefits are anticipated to include the following:

- Outreach and engaging de minimis/domestic groundwater producers and other SDACs/Underrepresented Communities
- Potential future reduction of chronic lowering of groundwater levels
- Potential future reduction of loss of groundwater in storage
- Potential future reduction of unreasonable water quality degradation and/or improvement of water quality conditions

These benefits will cumulatively reduce impacts to shallow wells. In addition, the proposed Component will decrease the volume of imported water which will be required to achieve sustainability. By reducing groundwater production in the Basin, the Authority will preserve the character of the community, quality of life for the residents of the basin and sustain the mission at NAWSC. The metric for measuring Component benefits, relative will be to monitor estimated water savings for all water conservation efforts that are implemented.

**Indian Wells Valley Groundwater Authority
Component Tasks and Budgets: SGMA-IP Grant Funding**

Component and Task Listing	Brief Scope Description	(a) Requested Grant Amount	(b) Local Cost Share: Non- State Fund Source	(c) Total Cost	(d) % Local Cost Share [Col. (b) / Col. (c)]
6. Conservation Feasibility Study		\$83,600.00	\$4,400.00	\$88,000.00	5.0%
Task 1 - Procure Conservation Consultant	Write RFPs, review proposals, conduct interviews	<u>\$14,250.00</u>	<u>\$750.00</u>	<u>\$15,000.00</u>	5.0%
Task 2 - Review Historic Conservation Measures		<u>\$7,125.00</u>	<u>\$375.00</u>	<u>\$7,500.00</u>	5.0%
Task 3 - Review IWVGA Proposition 1 Conservation Pilot Project Methods/Results		<u>\$7,125.00</u>	<u>\$375.00</u>	<u>\$7,500.00</u>	5.0%
Task 4 - Quantify Domestic/Municipal Health & Safety Requirements	Would require feedback from municipal/domestic pumpers	<u>\$17,100.00</u>	<u>\$900.00</u>	<u>\$18,000.00</u>	5.0%
Task 5 - Identify Current Practices and Compare to Health & Safety Requirements		<u>\$28,500.00</u>	<u>\$1,500.00</u>	<u>\$30,000.00</u>	5.0%
Task 6 - Prepare Strategic Plan for Water Conservation		<u>\$9,500.00</u>	<u>\$500.00</u>	<u>\$10,000.00</u>	5.0%

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members

DATE: February 09, 2022

FROM: IWVGA Staff

SUBJECT: Agenda Item No. 10 – Board Consideration of Draft Policy on Temporary (Short Term) Water Use.

DISCUSSION

The Sustainable Yield of the Basin was established through the Authority’s Technical Advisory Committee (TAC) and the Groundwater Sustainability Plan (GSP) approved by the State Department of Water Resources (DWP) in January 2022. The Replenishment Fee was established for all pumping in excess of the sustainable yield (excluding Navy and De minimus) for purchasing supplemental water supplies.

Some “Temporary Uses” of pumped groundwater may be considered eligible for an “Authority Board Waiver” from the Replenishment Fee. An “Application for Waiver from Replenishment Fee for Temporary Water Use” will be posted on the Authority website. Fully completed Applications will be reviewed by the Authority Staff, and a Staff Report will be prepared and presented to the Board for possible action. The Board will review “Applications” and Staff Reports on a case-by-case basis.

POLICY ADVISORY COMMITTEE COMMENTS

- Do not waive any Replenishment Fees, the Authority needs the revenue to purchase supplemental water.
- Only waive Replenishment Fees directly related to an “alternate” supply for an already exempt pumper.
- Account for any waivers in the next years’ sustainable yield allocation.

ACTION(S) REQUIRED BY THE BOARD

Staff recommends the Board consider and approve the “Draft Policy of Temporary (Short-Term) uses of Groundwater Supply”, with any Board approved changes, for Staff implementation.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

DRAFT POLICY ON TEMPORARY (SHORT-TERM) USES OF GROUNDWATER SUPPLY

A specified amount of groundwater pumped from the Basin is considered within the GSP sustainable yield and is therefore exempt from the Basin Replenishment Fee. The Replenishment Fee is presently assessed on all groundwater pumping over the GSP sustainable yield (excluding Navy and De minimis) on the premise that all groundwater pumped over the GSP sustainable yield needs to be replaced with a permanent imported water supply. The Authority recognizes that certain pumping should not be subject to the Replenishment Fee (potentially eligible for an “Authority Board Waiver”) and hereby implements this policy on Temporary (Short-Term) Uses of Groundwater Supply (“Policy”).

For purposes of this Policy, a temporary use of groundwater (“Temporary Use”) is water used for a temporary endeavor with a defined beginning and end (usually constrained by date or deliverable). A Temporary Use of groundwater shall be determined on a case-by-case basis based on the circumstances of each request. The determination of whether a use of groundwater shall be treated as a Temporary Use may be granted at the discretion of the Authority Board of Directors (“Board”).

Any groundwater pumper requesting that water be treated as a Temporary Use must submit a written request to the Authority for an Authority Board Waiver of the Replenishment Fee, with satisfactory evidence, indicating why said groundwater use should be treated as a Temporary Use. Authority staff will review the request and supporting evidence and make a recommendation to the Board. The groundwater pumper shall be provided the opportunity to discuss with Authority staff any questions or concerns staff may have with the groundwater pumpers request prior to making its recommendation. The request will then be put on an agenda for the Authority Board to consider the request at which time the groundwater pumper will be provided the opportunity to address the Board on the request for an Authority Board Waiver. The Board’s determination shall be considered final.

As discussed above, for purposes of this Policy and upon request, a Temporary Use may include, but not be limited to the following:

1. Water Supplied for a Temporary Use: Water supplied to a location for a temporary amount and time and a temporary use of that water.
2. Leak or Unanticipated Use of Water: A temporary loss of water resulting from leakage, theft or damage to water supply facilities. Any Board determination in this

respect shall include a consideration of any reasonably prompt responses or other remedial actions taken after discovery of the leakage, theft or damage.

3. Emergency Use of Water: Emergency uses of groundwater may include major fire or accident, cleanup of contamination spill or similar activity or natural disaster. Any request for an Authority Board Waiver shall include details of the Emergency Use and documentation on the amount of water used.
4. Investigative Studies/Pilot Projects: Any person or entity properly registered with the Authority may request an Authority Board Waiver for an investigative study or pilot project relating to the Indian Wells Valley groundwater basin that involves groundwater use, and the information being collected is of value to the Basin and/or Authority.
5. Registered De Minimis Pumpers Providing Assistance: If a registered De Minimis pumper provides water supply assistance to another De Minimis registered pumper, the De Minimis supplier may request an Authority Board Waiver of any Replenishment Fees that may result from supplying a Temporary Use to a registered De Minimis pumper in need.

This Policy is subject to change at the discretion of the Board.

IWVGA Board Meeting February 9, 2022

Policy on Temporary (Short-Term) Uses of Groundwater Supply

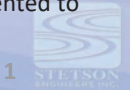
❖ Draft Policy Prepared by IWVGA and IWVWD Legal Counsel

- Initial draft included detailed guidelines.
- Revised/current draft includes general guidelines, staff report and case-by-case Board action.
- PAC review multiple times.
- PAC meeting on 01/27/22 recommendations below.

❖ Basic Provisions

- Pumping in excess of Sustainable Yield incurs a Replenishment Fee for supplemental water supply.
- The Policy is intended to consider a Board Waiver of the Replenishment Fee for some potential Temporary Water Uses.
- Temporary Water Use is defined in the Policy
- If the Policy is approved by the Board an “Application for Temporary Water Use – Waiver of Replenishment Fee” will be posted on the Authority Website
- When an “Application” for Waiver is deemed complete by the Authority staff, a Staff Report will be prepared and presented to the Board for action.

AGENDA ITEM 10



IWVGA Board Meeting February 9, 2022

Policy on Temporary (Short-Term) Uses of Groundwater Supply (contin.)

❖ PAC Meeting 01/27/22 Recommendations

- Do not waive any Replenishment Fees, we need all revenue to purchase water.
- Alternative – Only waive Fees if the Temporary Use is an “alternative” to an already exempt water use.
- Account for any waivers in the next years’ Sustainable Yield allocation.

AGENDA ITEM 10



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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members **DATE:** February 09, 2022

FROM: IWVGA Staff

SUBJECT: **Agenda Item No. 11 – Board Review and Approval of Shallow Well Mitigation Policy**

DISCUSSION

The Indian Wells Valley (IWV) groundwater basin (Basin) has been in overdraft for several decades, resulting in a significant lowering of groundwater elevation and reduction in the amount of useable water in groundwater storage. In addition, there are concerns with the migration of poor water quality water. Most impacted wells have been shallow (domestic and rural) wells.

Under the Sustainable Groundwater Management Act (SGMA), sustainability must be achieved by 2040. The IWVGA Groundwater Sustainability Plan (GSP) approved by the State Department of Water Resources (DWR) includes a program to help mitigate impacts to shallow wells as Project #4. During implementation of the approved GSP, there will be continued lowering of groundwater levels.

The program is funded by the Shallow Well Mitigation Fee, as part of the Replenishment Fee. The Program will be implemented and managed by the Authority staff, under the direction of the Authority Board, on a “case-by-case” basis. The Program is essentially an “evaluation and potential mitigation reimbursement” process. The Program is dependent upon well owners voluntarily submitting their Shallow Well impacts information for Authority consideration. The Report Form is posted.

1. Submit fully completed Report Form.
2. Submit independent well evaluation and performance report, including recommended mitigation and estimated costs.
3. Authority initiates Staff Report after Report Form deemed complete.
4. Authority Staff Report within 45 days.
5. WRM presents Staff Report to the Authority Board for potential action – reimbursement of costs.
6. Program managed by the General Manager.

“Optional” Emergency Application

Based upon comments from the PAC, TAC< and public, an “optional” Emergency Application

has been included for Authority Board consideration.

1. The “Emergency Assistance” Form will be posted.
2. Form must be fully complete before an Authority action.
3. Authority Board will allocate \$50,000 per year to the Program for General Manager and Chairperson discretion.
4. The Authority will maintain an active list of contractors to assess well owners.
5. Authority responses with 3 days of completed Report Form.

ACTION(S) REQUIRED BY THE BOARD

Staff recommends the Board consider and approve the Shallow Well Impacts Mitigation Policy, with and Board approved changes, for Staff implementation.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

DRAFT POLICY ON

SHALLOW WELL IMPACT IDENTIFICATION, EVALUATION AND MITIGATION PROGRAM

INTRODUCTION AND BACKGROUND

The Indian Wells Valley (I WV) groundwater basin (Basin) has been in overdraft for several decades. Overdraft conditions, both historical and current, have resulted in a significant lowering of the regional and local groundwater elevations, and a significant reduction in the amount of useable water in groundwater storage. In addition, the Basin has hydrogeologic areas with poor water quality (high total dissolved solids), that can, and have, migrated to areas that previously had higher quality groundwater, resulting in water quality impacts to some wells. Most of the impacted wells are shallow wells, constructed to serve private homes, rural domestic/mutual water companies, small agricultural, and livestock water supply needs.

Under the Sustainable Groundwater Management Act (SGMA), adopted in 2014, the Basin must achieve sustainability by year 2040 and eliminate undesirable results. The I WV Groundwater Sustainability Plan (GSP) was adopted in January 2020. The I WV GSP includes a program to help mitigate impacts to shallow wells caused by the chronic lowering of groundwater levels and degraded water quality as Project # 4.

Despite having an adopted GSP in the I WV, pumping greater than the natural sustainable yield of the Basin is anticipated to continue, and consequently, groundwater levels will continue to lower and impact shallow wells until sustainability is reached by at least year 2040.

This “Policy” for the Shallow Well Impact Identification, Evaluation and Mitigation Program (Program) provides the guidelines for Well Owners with potentially impacted shallow wells and the Authority Staff to implement the Program. The Program is essentially a Groundwater Authority shallow well impacts verification and assessment, followed by potential Authority reimbursement of the shallow well owner’s mitigation costs. The Program includes provisions for impacted shallow well owners to request fast-track emergency assistance through the Authority General Manager.

SHALLOW WELL IMPACT IDENTIFICATION, EVALUATION AND MITIGATION PROGRAM

The Program is funded by the Shallow Well Mitigation Fee, which is included in the Replenishment Fee. The Replenishment Fee is assessed on all groundwater pumping in excess of the Groundwater Sustainability Plan (GSP) sustainable yield of 7,650 AFY. The Shallow Well Mitigation fund is managed by the Indian Wells Valley Groundwater Authority (Authority) Staff, under the direction of the Authority Board of Directors. The Program will be implemented and managed by the Authority Staff, under the direction of the Authority Board, on a “case-by-case” basis. The Program is designed to be primarily an “evaluation and potential mitigation reimbursement” process. Well Owners are responsible for maintaining their wells in good operating condition and maintaining reliable potable water supply. The Program is dependent on individual Well Owners voluntarily submitting their shallow well impacts information for consideration for potential mitigation support by the Authority.

The following outlines the initial steps to be taken by Well Owners and Authority Staff to initiate the evaluation of a potentially impacted shallow well (for emergency assistance, shallow well owners may submit a written request to the Authority General Manager that clearly describes the “emergency” and requested “assistance”, including technical support):

1. Well Owner shall submit a fully completed “Report Form for a Shallow Water Supply Well Negatively Impacted by Chronic Overdrafting of Groundwater in the

IWV Basin” (Report Form) to the Clerk of the Board. The Report Form can be found on the Authority website at www.iwvga.org. Attachment C also provides the Report Form. (Subject Well must be fully registered with the IWVGA.)

2. Well Owners shall submit a complete well evaluation and performance review by a qualified, licensed well drilling and equipment contractor. The Report shall include a complete evaluation, including identification of potential causes for the well impacts and/or failure. The Report shall include the recommended mitigation measures and the estimated cost and schedule for completion.
3. Authority Staff will acknowledge receipt of the “completed” Report Form and well evaluation report within 10 calendar days. The Authority Staff Report will not be initiated until the Well Owner Report Form is deemed complete.
4. The Water Resources Manager (WRM) will conduct the independent evaluation of the Well Owners impacted well. The WRM will notify the Well Owner of the start date for the independent evaluation. The WRM will notify the Well Owner when it is determined the Well Owner supplied data and information is “complete”. The WRM will complete the independent evaluation and prepare a draft Staff Report within 45 days after notifying the Well Owner of a complete Report Form submittal.
5. The WRM draft evaluation report will be provided to the Well Owner for review and comment, prior to finalizing the Staff Report and presenting it to the Authority Board for action.
6. The WRM will present the evaluation report (Staff Report), including recommendations, for the Authority Board for action. The Well Owner will have an opportunity to address the Authority Board at the meeting.
7. Any Program-related mitigation costs incurred by the Authority shall be managed and accounted for by the General Manager.

IWVGA Board Meeting – WRM Report February 9, 2022

Policy on Shallow Well Impact Identification, Evaluation and Mitigation Program (Program)

- Indian Wells Valley (IWV) groundwater basin (Basin) has been in overdraft for several decades, resulting in significant lowering of regional and local groundwater elevations. There are also water quality impacts.
- Most impacted wells are shallow wells serving private homes, rural domestic/municipal water companies, small agricultural and livestock water supply.
- IWVGA Sustainable Management Plan (GSP), Project #4 is a Program to help mitigate impacts to shallow wells. Under the GSP, anticipated pumping will continue to exceed the sustainable yield for a period of time, with potential impacts.
- The Program will be implemented and managed by the IWVGA Staff, under the direction of the IWVGA Board, on a case-by-case basis.
- The Program is dependent on individual Well Owners to voluntarily provide adequate information and data to evaluate any well impact claim (Subject Well must be fully registered with the IWVGA.)

IWVGA Board Meeting – WRM Report February 9, 2022

Policy on Shallow Well Impact Identification, Evaluation and Mitigation Program (Program) (continued)

- General Procedures
 - Submittal of completed, "Report Form for a Shallow Water Supply Well, Negatively Impacted by Chronic Overdrafting of Groundwater in the IWV Basin" to the Clerk of the Board.
 - Submittal of a complete well evaluation and performance review by a qualified, licensed well drilling and equipment contractor, with recommendations and cost estimate.
 - IWVGA Staff will acknowledge receipt and coordinate with the Well Owner for complete submittals.
 - WRM draft Staff Report within 45 days after complete submittal, with recommendations.
 - Draft Report review with Well Owner.
 - To IWVGA Board for action. Well Owner has opportunity to address the Board.
 - Program costs managed by the General Manager.

IWVGA Board Meeting – WRM Report February 9, 2022

Policy on Shallow Well Impact Identification, Evaluation and Mitigation Program (Program) (continued)

“Optional” Emergency Applications

- Staff to prepare “Emergency Assistance” Form
- Program managed by General Manager/Chairperson
 - Submittal of Report Form to GM
 - Board allocates \$50,000 for GM discretion with Chairperson
 - Staff to maintain “contractors” list
 - Written approval required, 3-day turnaround
- Additional Shallow Well Mitigation should use the regular Report Form

SHALLOW WELL IMPACTS MITIGATION PROGRAM – POLICY

(JANUARY 6, 2022 TAC MEETING)

“OPTIONAL” EMERGENCY APPLICATIONS

1. Authority Staff to prepare an “Emergency Assistance” Form to be posted on the IWVGA website along with the regular Report Form.
2. The Emergency Assistance Report Form must be complete and submitted directly to the GM and WRM. The Authority cannot proceed until the Report Form is complete.
3. The Authority Board will allocate up to \$50,000 per year of Mitigation funds to the Emergency Assistance program, under the supervision of the GM and the Authority Board Chairperson.
4. The Authority will maintain a “contractors” list for emergency assistance (for use by Well Owners or the Authority), to include at least potable water hauling, well and pump technical support, field contractors for alternative water supplies (piping/storage), well and pump maintenance/repair contractors, etc.
5. Authority emergency response, using Mitigation funds, requires written approval from the GM and Board Chairperson, and will occur ASAP, but not more than three (3) days after receiving a fully completed emergency assistance Report Form.
6. Any additional Authority support may be performed under the regular Shallow Well Impacts Mitigation Program Policy, including the regular Report Form.

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IWVGA Board Meeting February 9, 2022

Groundwater Sustainability Plan (GSP)

Introduction

- Sustainable Groundwater Management Act (SGMA) identified Critically Overdraft Basins and required Groundwater Sustainability Plans (GSP) to achieve sustainability by 2040.
 - IWV Groundwater Basin identified as Critically Overdraft Basin
 - IWV Basin GSP Approved by Authority in January 2020 (compliance with SGMA)
 - State Department of Water Resources (DWR) review by January 2020
 - January 2022 DWR approved IWV Basin GSP
- Significant Milestones for IWVGA and Community
 - Created the IWVGA cooperatively
 - Prioritized public and stakeholder participation
 - Created PAC and TAC
 - Completed the GSP in compliance with SGMA
 - Received DWR approval with “Recommended” Corrective Actions

AGENDA ITEM 12



IWVGA Board Meeting February 9, 2022

Groundwater Sustainability Plan (GSP)

Introduction (contin.)

➤ SGMA GSP's Overview

- Total of 21 critically overdrafted (COD) basins with GSP's due in January 2020
- DWR has reviewed 42 GSP's that were submitted in January 2020.
 - 34 GSP's were deemed “incomplete” (deficient).
 - DWR “approved” only 8 GSP's (including IWVGA).
 - Only 5 of the 39 GSP's submitted by COD basins were approved.
- No GSP's approved in the San Joaquin Valley.
- IWVGA the only GSP approved in Kern County.

AGENDA ITEM 12



IWVGA Board Meeting February 9, 2022

Groundwater Sustainability Plan (GSP)

Introduction (contin.)

➤ IWVGA GSP

- SGMA was a huge task for the entire IWV community.
- The significant overdraft, limited water supplies and IWV Basin unique characteristics made SGMA very difficult.
- Public involvement, Stakeholders, Local technical input, the Authority Board, the PAC, the TAC, and some very strong-willed professionals made very hard and difficult decisions for the GSP.
- Implementation of this GSP, with adjustments as-needed, will help ensure a “sustainable” IWV, Ridgecrest and NAWS/China Lake for the future.

AGENDA ITEM 12



IWVGA Board Meeting February 9, 2022

Groundwater Sustainability Plan (GSP)

State of California Department of Water Resources (DWR) APPROVAL Letter, Dated January 13, 2022

❖ Approval Documentation package comprised of 3 components:

- Approval Letter
- Statement of Findings Regarding the **APPROVAL** of the Indian Wells Valley Groundwater Authority Groundwater Sustainability Plan (DWR Statement of Findings)
- Groundwater Sustainability Plan Assessment Staff Report (DWR Staff Report)

❖ DWR determined “Approval” based upon recommendation from the Staff Report.

- Proposes “recommended corrective actions to enhance” the GSP for future evaluation by DWR.
- Strongly encourages the recommended corrective actions be incorporated into future GSP updates.
- DWR first 5-Year GSP review no later than January 31, 2025 (Due date of IWVGA 1st 5-Year GSP update).

AGENDA ITEM 12



IWVGA Board Meeting
February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Statement of Findings:

- ❖ GSP satisfies required conditions of Section 355.4(a) of GSP Regulations ((23 CCR Section 350 et seq).
 - Submitted within statutory deadline January 31, 2020.
 - Plan is complete.
 - Plan covers the entire basin.
- ❖ GSP conforms with WC Section 10727.2 and 10727.4, and is likely to achieve the sustainability goal for the Basin.

IWVGA Board Meeting
February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Statement of Findings (contin.):

- ❖ Sustainable management criteria are sufficiently justified and commensurate with the level of understanding of the Basin. (Recommended corrective actions do not materially affect ability of the Authority GSP to progress toward its sustainability goal or affect the likelihood the GSP to attain that goal.)
(Recommended corrective actions discussed later in presentation.)
- ❖ GSP demonstrates a thorough understanding of data gaps and a commitment to eliminate those data gaps.
- ❖ GSP “Projects and Management Actions” are technically feasible and commensurate with level of understanding of the Basin.
 - Includes projects and management actions to mitigate impacts to domestic wells (Shallow Wells).
 - Further the Authority’s monitoring networks and Basin understanding.
 - Includes a reasonable assessment of overdraft conditions and seeks to mitigate overdraft through implementation of projects and management actions.
 - GSP does not propose to end overdraft during initial 20-year period or the 50-year planning horizon. (Recommended Corrective Action).

IWVGA Board Meeting
February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Statement of Findings (contin.):

- ❖ GSP provides detailed explanation of how varied interests of groundwater users were considered in developing the sustainable management criteria and how these interests, including domestic wells, would be impacted by “Minimum Thresholds”.
- ❖ It appears the GSP will not adversely affect any adjacent basin.
- ❖ The Authority’s GW management activities provides a reasonable level of confidence the Authority has legal resources necessary to implement GSP and a plan to obtain the necessary financial resources.

IWVGA Board Meeting
February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Statement of Findings (contin.):

- ❖ Authority adequately responded to comments that raised credible technical or policy issues with the GSP.
- ❖ GSP is in compliance with the requirements of SGMA and GSP Regulations, and appears to be consistent with the state policy regarding the human right to water.
- ❖ GSP does not develop sustainable management criteria for the depletion of interconnected surface water or GDEs, citing insufficient data. Authority will reevaluate the need to establish sustainability criteria for interconnected surface water and groundwater dependent ecosystems as data gaps are filled. (Recommended Corrective Action).
- ❖ CEQA does not apply to DWR’s GSP evaluation and assessment.

IWVGA Board Meeting
February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Staff Report:

❖ Staff Report organized into 5 sections:

- Summary – overview of plan contents and DWR’s assessment
- Evaluation Criteria – legislative requirements and DWR’s evaluation criteria
- Required Conditions – basic requirements for the GSP to be evaluated by DWR
- Plan Assessment – detailed assessment of GSP contents
- Staff Recommendation – DWR recommended corrective actions (RCAs) to be considered for the first five-year assessment of the GSP (GSP update).

IWVGA Board Meeting
February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Staff Report (contin.):

- | | |
|----------------|---|
| ❖ RCA #1 | Provide additional information on the required, ongoing communication elements required in the GSP Regulations, describe how the required elements fit into the Authority’s Communication and Engagement Plan. |
| Staff Comment– | The Authority Staff and PAC will address in the 5-Year GSP Update. The PAC is currently discussing the Communication and Engagement Plan. |
| ❖ RCA #2 | Investigate the hydraulic conductivity of the vertical and lateral relationships between the three hydrogeologic zone within the shallow and deep principal aquifers to improve the understanding of potential migration of impaired water (and impacts to water levels). |
| Staff Comment– | This is an important task that is recognized by the Authority. The Authority Staff is currently finalizing the Basin Model – Configuration Management Plan (CMP) and the CMP Technical Group (Model TAC) that will address these concerns, including addressing data gaps and Basin Model upgrades. |

IWVGA Board Meeting February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Staff Report (contin.):

❖ RCA #3

As the “water budget” elements and values are updated during GSP implementation, including GW pumping allocations and imported water, please clearly explain the revised elements and values. Clearly explain all tabular values, including impacts of imported and recycled water. Revise climate change projections based upon filling of data gaps.

Staff Comment–

Updated water budget elements will be included in the 5-year GSP Update, as necessary. The Model CMP process will be used to have the Model TAC make recommendations to the Authority Board on climate change analysis.

❖ RCA #4

Update the GSP to include projects and management actions sufficient to eliminate perpetual overdraft in the 20 and 50 year timeframe, including contingency plan if projects and management actions, including imported water, fail to produce the anticipated results.

Staff Comment–

- DWR’s Water Budget BMP Guidance Document, December 2018, page 9 states “The GSP water budget requirements are not intended to be a direct measure of groundwater sustainability...”.
- Many wells show groundwater levels recovering with the future water budgets presented in the GSP.
- The water budget can be balanced by using more imported water, if needed, however, modeling did not show significant benefits to using more imported water. The only other alternative to balance the water budget is to further reduce pumping.
- The water balance will be reviewed and updated for the 5-year GSP Update.

IWVGA Board Meeting February 9, 2022

Groundwater Sustainability Plan (GSP) (contin.)

DWR Staff Report (contin.):

❖ RCA #5

Identify effects caused by GW conditions occurring that would produce undesirable results based on significant and unreasonable impacts to applicable sustainability indicators. Additionally, the Authority should provide relevant updates in Annual Reports and five-year updates to sustainable management criteria based on results from addressing data gaps and any observed impacts due to the implementation of proposed projects indicators.

Staff Comment–

Authority Staff and TAC will determine if undesirable results are occurring regarding GDEs and interconnected surface water and establish sustainable management criteria, as applicable. Annual reports currently provide updates on sustainable management criteria. Clarification will be requested from DWR staff.

❖ RCA #6

During GSP implementation and before January 31, 2025, establish sustainable management criteria at all wells the Authority intends to designate as representative monitoring locations.

Staff Comment–

Authority Staff and TAC will evaluate performance of Sustainable Management Criteria during the 5-year GSP update and establish Sustainable Management Criteria at representative monitoring wells, as necessary. This task is ongoing as data are collected within the IWV.

Groundwater Sustainability Plan (GSP) (contin.)

DWR Staff Report (contin.):

- ❖ RCA #7 Update the GSP data management system to reflect complete and correct information to comply with GSP Regulations. If “management areas” are considered by the Authority, include rationale.

- Staff Comment– Authority Staff WRM will clarify DWR’s RCA and update existing DMS protocols. The need for management areas will be considered and evaluated with the TAC, and the GSP will be updated with the rationale and evaluation accordingly.

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IWVGA Board Meeting February 9, 2022

Proposition 1 Status Update

- Invoice #10a
 - Covers January through March 2021
 - Total requested payment after retention: **\$77,720.33**
 - Status: Payment received on February 2
- Invoice #11a
 - Covers April through June 2021
 - Total requested payment after retention: **\$69,955.50**
 - Status: Payment processed by DWR in early January, currently awaiting delivery
- Invoice #12a
 - Covers July through September 2021
 - Total requested payment after retention: **\$1,843.88**
 - Status: Undergoing DWR review
 - Also included the removed costs from Invoices 8a & 9a, totaling **\$130,850.07** after retention

AGENDA ITEM 13.a.i



IWVGA Board Meeting February 9, 2022

Proposition 68 Status Update

- No updates from last month, awaiting DWR comments or payment delivery for the following invoices:
 - Invoice # 10b
 - Covers January through March 2021
 - Total requested payment after retention: **\$2,865.04**
 - Invoice # 11b
 - Covers April through June 2021
 - Total requested payment after retention: **\$3,552.11**
 - Invoice # 12b
 - Covers July through September 2021
 - Total requested payment after retention: **\$3,158.82**
- Additional \$30,000 in grant funds has been made available for award
 - Revised amendment documents were submitted to DWR on November 30
 - Documents are currently still under review, per DWR

AGENDA ITEM 13.a.ii



IWVGA Board Meeting February 9, 2022

Recycled Water Program Update

- Met with Technical Team on January 13
 - Updates on City WWTF project plans and schedule and current rankings of alternatives
- Section 3: Identification of recycled water alternatives
 - Released to Technical Team and TAC on February 3, comments due no later than February 18
- Section 4: Identification of regulatory/permitting requirements and environmental/legal constraints for alternatives
 - Planning to be released week of February 14
- Section 5: Evaluation criteria for recycled water alternatives
 - Draft summary of criteria and proposed weighting to be released to Technical Team for review during week of February 14
- Next Steps
 - After completion of Section 4, potentially schedule a meeting with Regional Board for input on recycled water projects and water quality concerns (if any)

AGENDA ITEM 13.b.i



IWVGA Board Meeting February 9, 2022

ITEM 12.c.i – WY 2021 Annual Report

- WY 2021 Annual Report draft currently in review
 - The Draft Annual Report was distributed to the TAC for review and is posted on the IWVGA website
 - Comments are requested back by February 25th
 - Stetson previously received valuable and constructive written comments on the WY 2020 Annual Report. Responses to these written comments have been distributed.
 - The draft WY 2021 Annual Report has incorporated comments received on the WY 2020 Annual Report and provides the following:
 - Update on all Projects and Management Actions and data collection for work done in WY 2021
 - Groundwater level data, groundwater storage data, and water supply data per DWR regulations.
 - Comprehensive presentation to be made to the Board at March meeting.

AGENDA ITEM 13.c.i



WRM Agenda items 12.c.ii thru 12.c.iii Status Updates on Technical Work re: GSP Data Gaps

IWV GSP – Groundwater Dependent Ecosystems (GDE)

- Aug 2021 Site Visits to 5 sites with Navy Biologist and Monitoring Well Access
- Spring 2022 Site Visits to 4 additional sites

IWV GSP – Subflow from Rose Valley to IWV)

- January 28th Site Meeting with BLM, Garrison Drilling, Stetson
- February 21st Plan to start drilling RVS-Mid and RVS-north

IWV GSP – Groundwater Dependent Ecosystems (GDEs)

Coordination with Navy Biologist and Monitoring Well Access

GSP Section 3.4.7 (includes Figure 3-16)

Groundwater Dependent Ecosystems (GDE)

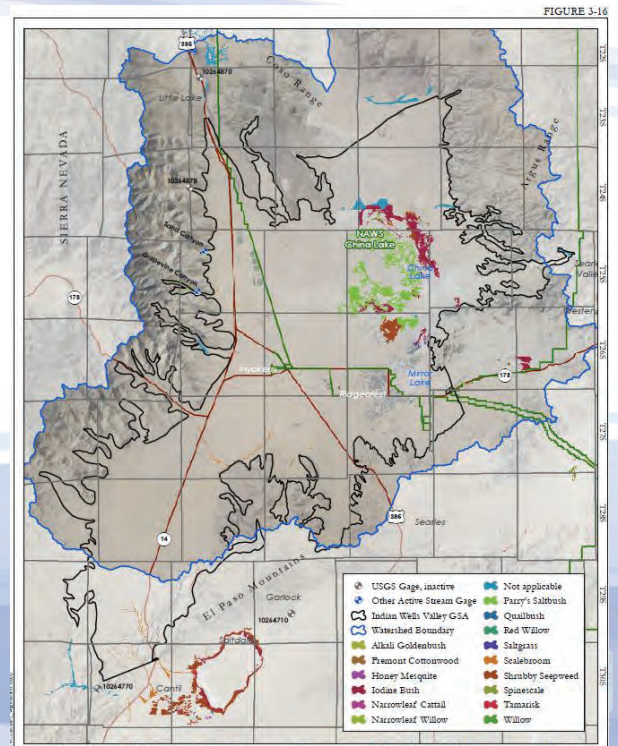
- vast majority of GDEs within the IWV are located on NAWS China Lake...
- supported by the vertical upward gradient under the China Lake Playa...
- are likely more vulnerable due to chronic lowering of groundwater levels...

GSP Section 3.6.1.4 Other Data Gaps

- quantifying root extinction depths,
- better mapping of vegetation types, and
- correlating DTW with vegetation health

GSP Section 4.7 GSP Proposed Monitoring Network

- groundwater level monitoring in the vicinity of GDEs will be added to the existing monitoring network

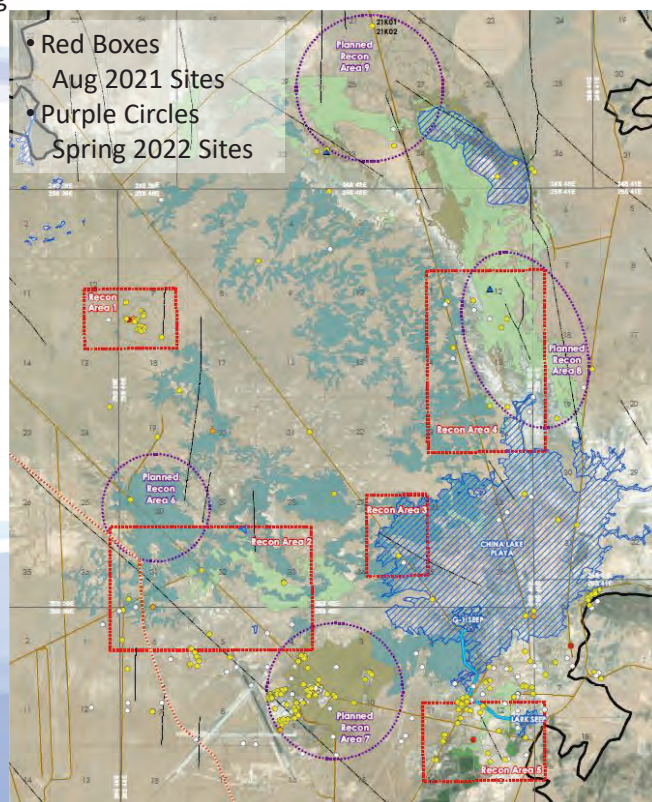


DATA GAP: GDE Groundwater Dependent Ecosystems

- Aug 11, 2021 Reconnaissance of 5 potential GDE areas
- Spring 2022 Second Field Visit to 4 potential GDE areas

Monitoring Site Evaluation

- Identify viable GDE communities (Navy Biologist)
- Monitoring wells for groundwater data collection
- Mapping, depth to water, field observations, report
- Recommend GDE monitoring sites to address Data Gap to review with TAC



AGENDA ITEM 13.c.ii

IWV GSP – Subflow from Rose Valley

Coordination with Navy, BLM, Biological Monitor, Cultural Resources

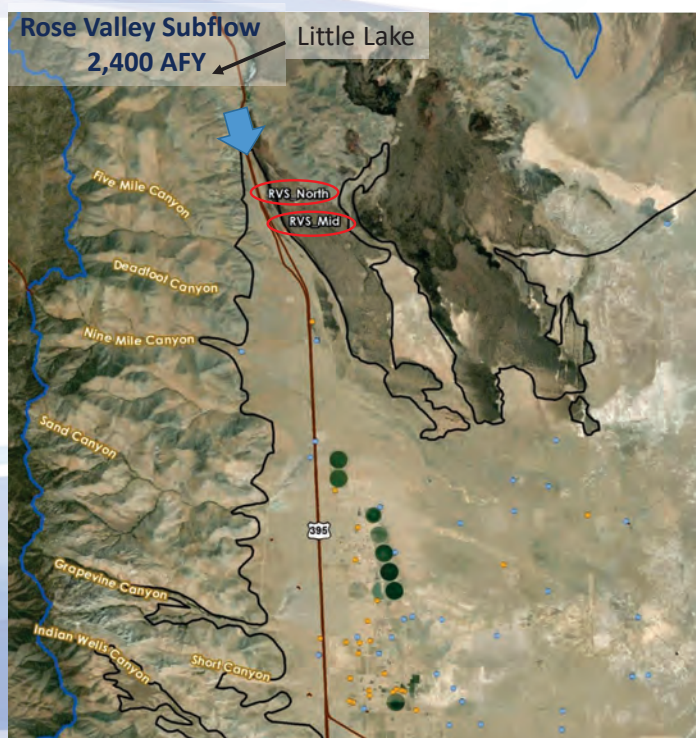
GSP: Estimated Rose Valley Subflow
about 30% of natural recharge

Develop calculated subflow into IWV
groundwater level gradient
cross sectional area
hydraulic conductivity

Drilling 2 wells to measure
groundwater gradient

Navy funding (COSO)

BLM Contribution of Right of Way
Grant CACA-059234



AGENDA ITEM 13.c.iii

Rose Valley Subflow

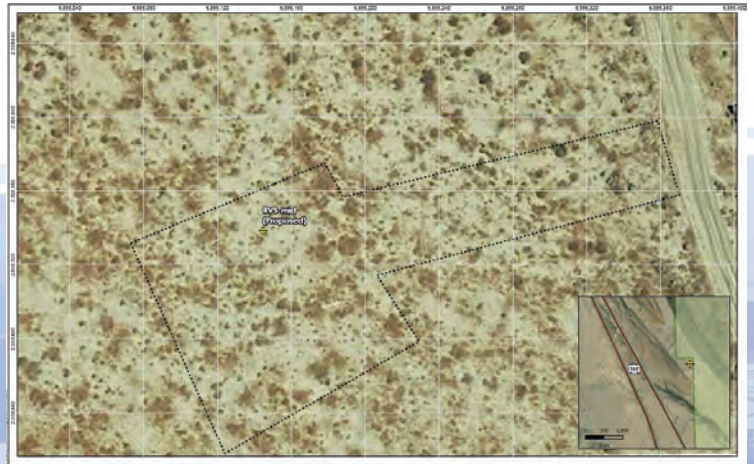
RVS-north & RVS-mid

IWVGA Board Meeting
February 9, 2022

- Jan 28, 2021 Site visit w driller crew and BLM
- Feb 21, 2021 Plan to start drilling for approx 3 weeks
- Continued coordination with BLM
- Biological Monitor: clear well construction areas for nesting sites and endangered species
- Downhole Geophysics
- Water Quality Sampling
- Coordinating with and Reporting to TAC



AGENDA ITEM 13.c.iii



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BUDGET TO ACTUAL REPORT- DECEMBER

		ACTUALS BY REVENUE ALLOCATION					(B)	(A-B)	(B/A)	
		Restricted	Restricted	Restricted	Restricted	Restricted	\$	\$	%	
		Extraction	Augmentation	Shallow Well Mitigation	Prop. 1 SDAC	Prop. 1/68	ACTUAL	REMAINING	COMPLETED	
		(A)								
		BUDGET								
1	REVENUE									
2	Extraction Fee	1,959,673	1,305,735	-	-	-	1,305,735	653,938	67%	
3	Augmentation Fee	8,356,306	-	3,872,486	-	-	3,872,486	4,483,820	46%	
4	IWVWD Credit -Advance of Funds Repayment	(615,083)	-	(615,083)	-	-	(615,083)	-	100%	
5	Shallow Well Mitigation Fee	69,381	-	-	123,985	-	123,985	(54,604)	179%	
6	Department of Water Resources (DWR) Grants	997,463	-	-	-	93,466	145,209	852,254	15%	
7	<i>Prior Year DWR Grant Revenue Received in Jan 2021-Unbudgeted</i>	-	-	-	-	342,257	342,257	(342,257)	0%	
8	Rose Valley Reimbursement by Navy	300,000	-	-	-	-	-	300,000	0%	
9	TOTAL REVENUES	11,067,740	1,305,735	3,257,403	123,985	93,466	5,174,590	5,893,150	47%	
10	EXPENSES									
11	Administration									
12	Administration (RGS)	225,000	79,523	79,523	-	-	159,046	65,954	71%	
13	Office Rent	-	900	900	-	-	1,800	(1,800)	0%	
14	Office Supplies	-	-	-	-	-	-	-	0%	
15	Postage and Delivery	-	-	-	-	-	-	-	0%	
16	External Audit (Brown & Associates)	7,000	1,000	1,000	-	-	2,000	5,000	29%	
17	Council Chambers/IT Services	-	-	-	-	-	-	-	0%	
18	General Counsel (OMLO Law)	10,000	3,120	-	-	-	3,120	6,880	31%	
19	Insurance Premium (Insurica)	10,000	11,441	-	-	-	11,441	(1,441)	114%	
20	Legal Notices (Daily Independent)	-	1,199	-	-	-	1,199	(1,199)	0%	
21	Memberships (Cal. Assoc.Mutual Water Co)	-	100	-	-	-	100	(100)	0%	
22	Website (IWVWD)	-	276	-	-	-	276	(276)	0%	
23	Printing and Reproduction	-	-	-	-	-	-	-	0%	
24	Bank Service Charges	-	-	-	-	-	-	-	0%	
25	<i>Additional Admin</i>	<i>15,000</i>	-	-	-	-	-	15,000	0%	
26	<i>Meetings & Prep</i>	<i>12,000</i>	-	-	-	-	-	12,000	0%	
27	<i>Public Education/Outreach</i>	<i>5,000</i>	-	-	-	-	-	5,000	0%	
28										

BUDGET TO ACTUAL REPORT- DECEMBER

		ACTUALS BY REVENUE ALLOCATION					(B)	(A-B)	(B/A)	
		Restricted	Restricted	Restricted	Restricted	Restricted	\$	\$	%	
		Extraction	Augmentation	Shallow Well Mitigation	Prop. 1 SDAC	Prop. 1/68	ACTUAL	REMAINING	COMPLETED	
(A)	BUDGET									
29	EXPENSES (Cont'd)									29
30	Non-Departmental									30
31	Other Legal Services (RWG Law)	350,000	-	370,650	-	-	370,650	(20,650)	106%	31
32	Lobbying Services (Capitol Core)	175,000	-	138,931	-	-	138,931	36,069	79%	32
33	Other Professional Services	-	-	-	-	-	-	-	0%	33
34	Repayment of Kern County Advance	500,000	-	-	-	-	-	500,000	0%	34
35	Repayment of City of Ridgecrest In-Kind Services	300,000	-	-	-	-	-	300,000	0%	35
36	Repayment of Unpaid Invoices*	619,825	478,497	-	-	35,580	514,077	105,748	83%	36
37	FY 2020 Invoices Paid in Current Year-Unbudgeted*	-	223,704	-	-	-	223,704	(223,704)	0%	37
38	Repayment of Unpaid Invoices-Unbudgeted*	-	-	-	-	18,641	18,641	(18,641)	0%	38
39	Reserve Requirements	255,315	-	-	-	-	-	255,315	0%	39
40										40
41	Conservation Programs									41
42	Outreach & Technical Services (Cal Rural Water Assoc & Water Wise)	481,651	-	-	-	156,831	156,831	324,820	33%	42
43										43
44	Basin Management Administration									44
45	Production Reporting, Transient Pool, and Fee Support	51,000	4,126	-	-	7,753	11,879	39,121	23%	45
46	Meetings and Prep	120,000	96,494	-	-	-	96,494	23,506	80%	46
47	Budget Support	5,000	5,709	-	-	-	5,709	(709)	114%	47
48	Stakeholder Coordination	10,000	60	-	-	-	60	9,940	1%	48
49	Litigation Support	30,000	30,945	-	-	-	30,945	(945)	103%	49
50										50
51	Basin Management									51
52	POAM No. 20 Data Management System	-	2,467	-	-	2,467	4,934	(4,934)	0%	52
53	POAM No. 56 Monitoring Wells - Implementation	-	100	-	-	100	200	(200)	0%	53
54	POAM No. 78 Aquifer Tests	-	5,537	-	-	5,537	11,074	(11,074)	0%	54
55	Review of Ramboll Report (Task began in 2020)	11,330	-	-	-	-	-	11,330	0%	55
56	Prop 1 SDAC Program Support	12,000	963	-	-	3,365	8,121	3,879	68%	56
57	General Engineering	50,000	39,056	-	-	-	39,056	10,944	78%	57
58	TSS: El Paso Well Drilling Support	30,000	22,996	-	-	-	22,996	7,004	77%	58
59	TSS: General Coordination/Application Support	30,000	3,871	-	-	-	3,871	26,129	13%	59
60	Coordination with DWR on GSP Review	50,000	1,040	-	-	-	1,040	48,960	2%	60
61	Annual Report Preparation	30,000	28,206	-	-	-	28,206	1,794	94%	61

BUDGET TO ACTUAL REPORT- DECEMBER

		ACTUALS BY REVENUE ALLOCATION					(B)	(A-B)	(B/A)
		Restricted	Restricted	Restricted	Restricted	Restricted	\$	\$	%
		Extraction	Augmentation	Shallow Well Mitigation	Prop. 1 SDAC	Prop. 1/68	ACTUAL	REMAINING	COMPLETED
(A)	BUDGET								
62	EXPENSES (Cont'd)								
63	Basin Management (cont'd)								
64	Data Management System Support	26,000	14,889	-	-	-	14,889	11,111	57%
65	Allocation Plan: Allocation Process & Transient Pool Support	-	6,074	-	-	-	6,074	(6,074)	0%
66	Allocation Plan and Rules & Regs on Pumping/Restrictions	10,000	1,010	-	-	630	1,640	8,360	16%
67	Allocation Plan: Following & Transient Pool Transfer Program	-	2,752	-	-	-	2,752	(2,752)	0%
68	Conservation Efforts	20,000	-	283	-	-	283	19,718	1%
69	General Project Management	50,000	24,894	-	-	-	24,894	25,106	50%
70	Model Transfer and Upgrade	50,000	14,285	-	-	-	14,285	35,715	29%
71	Navy/Coso Royalty Fund: Develop Projects & Secure Funding	40,000	6,728	-	-	-	6,728	33,273	17%
72	Navy/Coso Royalty Fund: Rose Valley MW Permitting, Bid Doc Spt & Drillir	300,000	14,419	-	-	-	14,419	285,581	5%
73	Data Collection, Monitoring, and Data Gaps	120,000	112,619	-	-	-	112,619	7,381	94%
74	Imported Water: Negotiations and Coordination	50,000	-	19,778	-	-	19,778	30,223	40%
75	Imported Water: Engineering and Analysis	126,500	-	4,430	-	-	4,430	122,070	4%
76	Recycled Water	250,000	-	72,534	-	-	72,534	177,466	29%
77	Shallow Well Mitigation Program: Plan Development	-	-	-	9,664	-	9,664	(9,664)	0%
78	Shallow Well Mitigation Program: Outreach and Impacts Evaluation	20,000	-	-	1,894	-	1,894	18,106	9%
79	Brackish Water Group: Data Review and Coordination	12,000	5,893	-	-	-	5,893	6,107	49%
80	Well Monitoring Services (WellIntel Inc.)	2,000	1,680	-	-	-	1,680	320	84%
81	Weather Station Maintenance	2,000	-	-	-	-	-	2,000	0%
82									
83	Grant Management								
84	Prop 1 / Prop 68 Grant Administration	-	27,635	-	-	-	27,635	(27,635)	0%
85	Grant Review and Application Preparation	50,000	16,726	-	-	-	16,726	33,274	33%
86									
87	TOTAL EXPENSES	<u>4,523,621</u>	<u>1,290,933</u>	<u>688,028</u>	<u>11,558</u>	<u>214,417</u>	<u>2,225,217</u>	<u>2,298,404</u>	<u>49%</u>
88									
89	Surplus (Deficit)	<u>6,544,119</u>	<u>14,802</u>	<u>2,569,375</u>	<u>112,428</u>	<u>(120,951)</u>	<u>2,949,373</u>	<u>3,594,746</u>	

*Financial policies are forthcoming for continuing appropriations related to grants and/or projects, budget amendments and year-end reconciliation. Payment of prior year invoices will be reallocated to the appropriate department or division in a year-end reconciliation process.

Billing and receipt of reimbursement grant program revenue may cross over fiscal years with revenue received for prior year programs. Separate reconciliation will be completed for grant programs.

Budget to Actual Report includes all revenues and expenditures during the calendar year and is on a cash basis. Accruals will be finalized during the year-end reconciliation and audit process.

OBLIGATION PAYMENTS

	Indian Wells Valley Water District	Kern County	City of Ridgcrest	IWVGA Revenue	Total
Advance Agreements					
Credit to Augmentation Revenue*	500,000	-	-	-	500,000
In-Kind Services					
Attorney Services/IT/Council Chambers	-	-	-	-	-
Inter-Fund Loans					
TBD Upon Year-End Reconciliation	-	-	-	-	-
Postponed Invoice Payments					
Capitol Core Invoice: Credit to Augmt. Rev**	115,083	-	-	-	115,083
2020 Invoices approved, deferred (\$619,824.74)***		-	-	514,077	514,077
2020 Invoices approved, deferred, not budgeted				18,641	18,641
Total	615,083	-	-	532,718	1,147,801

OUTSTANDING OBLIGATIONS

	Indian Wells Valley Water District	Kern County	City of Ridgcrest	Augmentation Fund	Total
Advance Agreements					
Advance of Funds \$125,000 scheduled in March, June, Sept, Dec 2022	-	500,000	-	-	500,000
In-Kind Services					
Attorney Services/IT/Council Chambers (FY 2021)	-	-	300,000	-	300,000
Inter-Fund Loans					
Repayment of Adv. Of Funds to IWVWD*	-	-	-	500,000	500,000
Postponed Invoice Payments					
None	-	-	-	-	-
Total	-	500,000	300,000	500,000	1,300,000

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

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

** Capitol Core Invoice project tasks were associated with Imported Water/Augmentation Revenue. No additional obligation necessary.

***\$619,824 included prior year invoices from CRWA, WaterWise and Stetson paid by the IWVGA. All but one invoice was paid in 2021. A Stetson invoice for \$105,747 was paid on 12/29/20. The allocation of expense to appropriate revenue will be reconciled according to the project completed.

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

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TO: Carol Thomas-Keefer, General Manager IWVGA

FROM: Michael W. McKinney, President CCG

CC: Steve Johnson, Stetson Engineering
Jeff Simonetti, SVP CCG
Todd Tatum, SCA CCG

DATE: February 9, 2022

SUBJECT: Project Update Memorandum – January 2022 Activities

The following will summarize January activities for the tasks within the 2022 Scope of Work and will serve as a briefing concerning the FY2022/2023 State Budget Act.

TASK 1: SECURING IMPORTED WATER SUPPLIES

Capitol Core continued to work with its potential water suppliers on securing imported water supplies. We will keep the Board and informed of further developments as they take shape.

TASK 2: SECURING FEDERAL FUNDING

IIJA Agency Briefings.

Briefings and scoping meetings with the various federal agencies concerning programmatic funding appropriated under the Investment in Infrastructure and Jobs Act of 2021 (“IIJA,” HR 3684) began in January. We gave particular focus during these briefings/scoping meetings to the needs of the City of Ridgecrest’s Wastewater Treatment Plant and the Authority’s Water Recycling Plant. As previously reported, Capitol Core has identified numerous sections of the IIJA which may be applicable to the infrastructure projects required for SGMA compliance. The purpose of these meetings is to gain a better understanding of the implementation of IIJA funding and to qualify the various projects with the Agencies.

As in 2019, Capitol Core has now completed a courtesy briefing of the U.S. Department of Agriculture (USDA) concerning the three infrastructure projects. Funding increases provided to USDA programs were accomplished through CARES Act funding to existing programs under the Rural Utility Services (RUS) and Community Facilities Loan Program (CFL). By comparison, the bill provided USDA with much smaller amounts through CARES as opposed to other Agencies receiving IIJA appropriations. As a result, our discussions with USDA did not identify significant opportunities for IWVGA to receive funding through the USDA. In the event of small funding shortfalls within the Interconnection Project, Wastewater Treatment Plant or Water Recycling Plant, Capitol Core will revisit both the RUS and CFL programs with IWVGA.

Our focus with the United States Environmental Protection Agency (USEPA) will be at both the Region 9 and Office of Water (OW) headquarters levels. USEPA received significant funding increases through the IIJA and Capitol Core has identified three main programs for discussion:

- **\$280 million/year for the Sewer Overflow and Stormwater Reuse Program** – Wastewater Treatment Plant is eligible
- **\$125 million/year for the Clean Water Infrastructure Resilience and Reliability Program** – Both Wastewater Treatment Plant and Water Recycling Plant are eligible
- **\$15.3 million/year under the Water Infrastructure Improvements for the Nation Act (WIIN Act) under the “drinking water programs”** – the Interconnection, Wastewater and Water Recycling projects are likely eligible

Initial discussion with OW referred Capitol Core back to the Water Recycling Funding Program administered through the California State Water Resources Control Board (SWRCB). Under this program, federal funding through USEPA is provided to the States which receive a specific allocation based upon the same criteria utilized in the Clean Water State Revolving Fund Loan Program. IIJA significantly increased funding under this program, and first-year appropriated amounts will transfer to California during late first quarter 2022. Capitol Core has requested a scoping meeting with SWRCB for more in-depth eligibility discussions for the Water Recycling Plant.

Scoping meetings for the programs identified above will likely take place in February. In addition, scoping meetings with the U.S. Bureau of Reclamation (BOR) regarding its “Western Waters Program” have also been requested.

DCIP.

The City of Ridgecrest has approved advocacy materials related to an amendment request to the FY2023 National Defense Authorization Act (NDAA) to allow eligibility for awards for projects located on leased federal lands under the Defense Communities Infrastructure Program (DCIP). The amendment is sponsored by the Association of Defense Communities and would allow the City’s Wastewater Treatment Facility to be DCIP-eligible. Capitol Core has begun Congressional briefings on the DCIP amendment with Representative McCarthy and House Armed Services Committee.

Senate briefings with Senators Feinstein and Padilla as well as the Senate Armed Services Committee will begin in February. Capitol Core’s priority is to secure this DCIP amendment as well as seek permanent programmatic status for DCIP and increase appropriated amounts for FY2023/2024.

TASK 3: SECURING STATE FUNDING

SGMA-IP.

Significant discussion concerning the SGMA-IP application took place during the month of January and are addressed under a separate memorandum.

Wastewater Treatment Plant (City of Ridgecrest)

Capitol Core forwarded a direct-budget request of \$5 million to Senator Grove's staff for the FY2022/2023 State Budget for the City of Ridgecrest's Wastewater Treatment Plant. We also provided briefings to the Senator's staff and the request is under consideration. A similar request of Assembly Member Fong will occur in early February.

FY2022/2023 State Budget Act

Initial discussions of a potential \$30 billion State budget surplus were confirmed with the release of the Governor's Budget Request in January. Capitol Core has completed its analysis of the Budget request (AB/SB 1624) and advocacy in support of IWVGA goals/objectives has begun. In conjunction with the Budget, the Governor released his "Drought Resiliency Plan" which provides a 5-year goal/objective to assist the State in achieving drought resiliency measures.

Based upon 2020/2021 discussions, Capitol Core proposed amendments to the State Budget that would allow for purchase of water rights to achieve sustainability pursuant to the GSP imported water requirements. These amendments, however, would off-set available funding for infrastructure.

Provisions of interest in the FY2022/2023 Budget Request include:

- \$40 million to the Department of Conservation for "improvements in groundwater supply;" policy directives authorize the purchase/conversion of land and "other infrastructure projects." DWR will advise on funding implementation and funding will be available only to CODs. (Item 3840-102-0001)
- \$83.585 million for implementation of the State Water Plan by DWR (Item 3860-001-0001, Schedule 3230)
- \$18.884 million to WRCB for local project assistance (Item 3860-001-0001, Schedule 3240)
- \$19.1 million to DWR for "groundwater investments" (Item 3860-001-6088)
- DWR programmatic funding (Item 3860-101-0001) in the following amounts:
 - \$60 million Urban and Multi-Benefit Programs
 - \$60 million Small Communities Program
 - \$30 million Groundwater Recharge Program (not funded during FY2021/2022 Budget cycle)
 - \$60 million SGMA-IP (Round 2 Funding)
 - \$200 million to Schedule 3240, DWR for "conveyance projects" (new)
- \$175 million to WRCB for programmatic funding (Item 3940-106-0001) to be distributed as follows:
 - \$50 million for PFAS remediation
 - \$25 million for "drought emergencies" project assistance
 - \$100 million for Water Recycling and Groundwater Management Project (expanded program)
- \$1.9 million to Department of Natural Resources (DNR) for "Drought" (Item 0340-001-6088)
- \$18.442 million to DNR for MS4 projects (Item 8885-295-0001, Schedule Y)

These areas of interest total \$591 million in programmatic funding. Capitol Core will continue to monitor these proposed budget areas to determine project eligibility and to what project areas we may be able to apply for funding.

In addition to the budget items called out above, we continue to monitor the full water resources package in the budget. Please click the link [here for the Legislative Analyst's Office Report](#) on the specific water provisions in the proposed 2022 budget. We will continue to monitor the developments of the budget and advocate for the programmatic funding we believe will be helpful to the Authority. It is necessary for us to continue advocacy throughout the budget process because priorities can change substantially from the initial budget proposal to the final passed budget. For example, the agricultural land repurposing program under SB559 last year started out with a \$500 million proposed allocation. At the end of the process, the line item for that part of the budget reduced to \$50 million. As such, we will continue to monitor the proposed budget package and keep you informed of further developments during the process.

Figure 1

Recently Approved Drought and Water Resilience Package

(In Millions)^a

Activity	Department	2021-22	2022-23	2023-24	Totals
Water Supply and Reliability, Drinking Water, and Flood		\$2,676	\$420	\$220	\$3,316
Drinking water and wastewater projects	SWRCB	\$1,300	—	—	\$1,300
Multibenefit water projects	DWR	200	—	—	200
Small community water projects	DWR	200	—	—	200
SGMA implementation	DWR	180	\$60	\$60	300
Groundwater cleanup and water recycling projects	SWRCB	150	100	100	350
Flood management	DWR	130	110	60	300
Urban water projects	DWR	100	—	—	100
Water conveyance repairs	DWR	100	100	—	200
Data, research, and communications	DWR	91	—	—	91
SWEEP	CDFA	50	50	—	100
San Diego Pure Water project	SWRCB	50	—	—	50
Multibenefit land repurposing program	DOC	50	—	—	50
Water rights modernization	SWRCB	30	—	—	30
Watershed climate studies	DWR	25	—	—	25
Aqueduct solar panel pilot study	DWR	20	—	—	20
Water Quality and Ecosystem Restoration		\$456	\$460	\$280	\$1,196
Water resilience projects	CNRA	\$165 ^b	\$100	\$180	\$445

Streamflow for the environment	WCB	100	150	—	250
Resilience projects for fish and wildlife	WCB	65	40	—	105
Salton Sea	DWR	40	100	80	220
Funding to address PFAs contamination	SWRCB	30	50	20	100
Urban rivers and streams	Various	30	20	—	50
Water quality improvements for border rivers	SWRCB	20	—	—	20
Clear Lake rehabilitation	CNRA	6	—	—	6
Immediate Drought Response		\$137	—	—	\$137
Drought support for fish and wildlife	CDFW	\$33	—	—	\$33
Drought emergency response	Various	25	—	—	25
Drought permitting compliance and enforcement	SWRCB	18 ^c	—	—	18
Drought permitting compliance and enforcement	CDFW	8	—	—	18
Drinking water emergencies	SWRCB	12	—	—	12
Drought technical assistance	DWR	10 ^d	—	—	10
Salinity barrier	DWR	10	—	—	10
Data, research, and communications	Various	6	—	—	6
Agriculture technical assistance	CDFA	5	—	—	5
Totals		\$3,269	\$880	\$500	\$4,649

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Item 1. Call to Order - Voting members Ed Imsand, David Janiec, Renee Westa-Lusk, Regina Troglin, West Katzenstein, Lyle fisher, Judie Decker, and Camille Anderson were present. Non-voting members Don Zdeba, Tom Bickauskas, and John Kersey were present. Not present was voting member Tim Carrol and non-voting member Lorelei Oviatt.

Item 2. Pledge of Allegiance

Item 3. Open Public Comment (Not Related to Other Agenda Items)

None received.

Item 4. Approve Minutes of the November 2021 PAC Meeting

Renee Westa-Lusk moved to approve the minutes as submitted, seconded by Lyle Fisher. The motion was approved 7-0-1, with Ed Imsand abstaining.

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

a./b./c. Sub-Committee Report Recommendations – Subcommittee chair West Katzenstein provided the subcommittee report for discussion, comment, and potential adoption by the full PAC. No additional written comments were provided by PAC members.

PAC Action - After much discussion by all PAC members, Camille Anderson moved approve the report as submitted and forward to the IWVGA Board, seconded by Regina Troglin. Following further discussion, Camille Anderson amended the motion to make four specific modifications to the report, seconded by West Katzenstein. The amended motion passed 6-1-1, with Ed Imsand opposing and Renee Westa-Lusk abstaining.

The final report is included as an attachment to the minutes and contains three specific recommendations to increase the effectiveness of the Communication and Engagement Plan:

1. The IWVGA should provide clear, succinct fact sheets *in layman's terms* regarding key essential topics focused on the status of our groundwater basin, on the mandates of SGMA, the GSP and IWVGA actions. A list of high priority fact sheets (and additional candidate fact sheets) is included, as well as a *conceptual example* fact sheet.

2. The IWVGA publish, update, and maintain a monthly schedule to manage tasks and finances to increase public trust in IWVGA financial responsibility.

3. The IWVGA upgrade the website to provide accurate introductory material for interested stakeholders and readily appear in online searches related to groundwater in the IWV basin.

The PAC also agreed to table any recommendation on changing the actual C&E Plan until the written DWP approval of the GSP (and recommended corrective actions) are fully understood, most notably Recommended Corrective Action 1 that specifically references the C&E Plan.

Item 6. Draft Policy on Temporary (Short Term) Uses of Groundwater Supply Review and Comment

The draft policy was discussed robustly and at length by all members. The PAC all agreed that “in principle” there should not be any excess pumping in the basin that was not compensated for either by fees, or future allocation, but wrestled greatly with unique temporary emergency situations and uses which might occur and merit exception or not.

PAC Action - After further discussion with general agreement obtained among the members,

David Janiec moved that the PAC submit the following comments and recommendations to the Board, seconded by Lyle Fisher. The motion passed 7-0 with Judie Decker absent.

PAC Comment and Recommendations -

1. The PAC was unanimous in stating that “in principle” there should be NO uncompensated-for excess pumping above allocation and therefore no need for such a policy, however;
2. The PAC recognizes the potential for unforeseen emergency temporary use use circumstances, but strongly emphasizes the need to limit these temporary emergency circumstances to the absolute minimum, and NOT allow any uncompensated, simple temporary use only, above allocation, except for the need to explore gaps and potential new water sources in the basin that would not otherwise be conducted..
3. The PAC recognizes the policy provides a process and a method for application in such very limited, unforeseen circumstances. Simple “Temporary (short term) Use” outside of emergency circumstances, does NOT meet that criteria.
4. Therefore, The PAC supports the overall policy with the listing of temporary emergency uses under items #2-5 on the draft policy, but does NOT support the wide-open and unrestricted temporary use only circumstance offered under #1.
5. Additionally, the PAC recommends an objective time limit guideline for “temporary emergency use”, as well as criteria guidelines (e.g. amount) for application under circumstances #2-5.
6. The PAC further recommends that the process be fully public and transparent to ensure maximum stakeholder confidence in the process.

Item 7. Member Comments

Rene Westa Lusk and David Janiec thanked the ad hoc committee for its work on the C&E Plan recommendations.

Regina Troglin requested that documents for review be sent out a minimum of 48 hours prior to the meeting.

Item 8. Next Regular Meeting for December - February 24, 2022

Item 9. Meeting Adjourned.

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

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Review of Communications and Engagement (C&E) Plan

Prepared By

Ad Hoc C&E Subcommittee

28 January 2022

Revised during PAC meeting of 27 Jan 2022

BACKGROUND:

At the Policy Advisory Committee (PAC) September meeting, an ad hoc C&E Subcommittee was established to examine the C&E activities by the Indian Wells Valley Groundwater Authority (GA). All PAC members who offered written or verbal comments regarding C&E at the PAC meeting were invited to join the C&E Subcommittee.

The ad hoc C&E Subcommittee has the following members:

Judie Decker (representing EKCRCD)

Lyle Fisher (representing domestic well owners)

West Katzenstein – chairman (representing domestic well owners)

Note that Nick Panzer (representing residential water users) was also a member of the Subcommittee and contributed to the report's development, but has since resigned from the PAC.

This document addresses the two tasks assigned to the ad hoc C&E Subcommittee by the Policy Advisory Committee (PAC) regarding the C&E Plan. These tasks are:

- A. What specific activities should the Groundwater Authority (GA) undertake to increase the effectiveness of C&E?
- B. Should the C&E Plan be revised?
 - a. This item has been tabled.

RECOMMENDATIONS OF THE C&E SUBCOMMITTEE:

A. What specific activities should the Groundwater Authority (GA) undertake to increase the effectiveness of C&E?

The GA, the IWV Water District, the Domestic Well Owners Association (DWOA), and local news media have made significant efforts to alert all impacted stakeholders in the IWV to the efforts of the GA to create groundwater sustainability. It should be assumed that most stakeholders are aware that actions are being taken to resolve the groundwater situation, and C&E efforts should now focus on providing useful and accurate information. There is also a large amount of misinformation being spread in the community.

A newly interested stakeholder can be expected to want overviews on SGMA, the efforts of the GA, and how all stakeholders are impacted by these efforts. The

challenge to such a stakeholder is to distil this information from SGMA and the variety of related GA activities that have occurred over several years, including studies, modeling, groundwater measurements, meetings, the Groundwater Sustainability Plan (GSP), and actions taken by the GA. This is a daunting task to anyone who has not closely monitored these activities. Effective C&E requires that the GA provide concise and accurate statements of its efforts and how stakeholders are affected. Recommendations that will assist stakeholders in becoming informed are listed below:

1. **Fact Sheets.**

Succinct overview fact sheets in layman's terms are needed to inform stakeholders and provide a basis for seeking more detail in material developed by the GA, such as the GSP, and documents prepared by the Technical Advisory Committee (TAC) and the PAC. Fact sheets can also be prepared in response to questions posed by stakeholders. Fact sheets should be made available at all GA sponsored public forums, other public places, and on the GA website. Overall objectives of the fact sheets would be to:

- Explain the roles of SGMA and the GA in adopting and implementing the GSP.
- Summarize the overdraft problem at a glance.
- Summarize the GSP solution at a glance.
- Disclose the fees assessed to each stakeholder type and the rationale for the fees.
- Provide links to GA and TAC documents that provide greater detail.

Fact sheets should be based on the status of the groundwater in Basin 6-54, which includes the IWV and the El Paso sub-basin, and on the mandates of SGMA, the GSP, and existing GA actions. Brief fact sheets should also be provided on topics outside the purview of the GA, listing responsible organizations and contacts. Fact sheets should note that changes may occur and be updated if changes do occur. Listed below are topics for fact sheets:

High priority fact sheets:

- Indian Wells Valley Groundwater (see ADDENDUM 2)
- Pumping
- Recharge
- Importation
- Allocation of recharge (amount and rationale for each stakeholder type)
- Fees (amount, purpose, and rationale for each stakeholder type)
- Communications from state regulatory agencies and the GA's response
- GA contact information and links

Additional topics for fact sheets are listed in ADDENDUM 1.

See attached **conceptual** example of a fact sheet ('Indian Wells Valley Groundwater Fact Sheet' - ADDENDUM 2):

Fact sheets should provide information of interest to each of the stakeholder types listed below. The fact sheets should be based only on publicly available information to avoid any impact on ongoing litigation.

Stakeholder types:

- Agriculture - Large
- Agriculture - Small
- Bureau of Land Management
- Business Interests
- Domestic Well Owners
- Eastern Kern County Resource Conservation Dist.
- Indian Wells Valley Water District
- Inyokern Community Services District
- Kern County
- Residential - Indian Wells Valley
- Residential - Trona
- U.S. Navy
- Wholesaler and Industrial User

2. Schedule.

Create, update, and publish monthly a schedule to manage GA tasks and finances to increase public trust in GA financial responsibility.

The GA has two categories of tasks: ongoing management tasks and project tasks with specific objectives and deadlines. The project tasks will define and implement the solution to the overdraft problem and will have dependencies between them that impact the overall schedule. Manpower and other resources should be allocated to each task and funding provided from appropriate sources.

The schedule should include management and project tasks and reflect the dependencies, so critical paths are available to help manage success in meeting milestones. Progress and expenditures should be compared to the plan and replanning done as needed.

The schedule should be capable of providing any level of detail needed.

3. GA Website Upgrade.

Modify the official GA Website so that it readily appears in online searches related to groundwater in the IWV basin and provides accurate introductory material for interested stakeholders. This can be accomplished by posting the fact sheets listed above, a

“Frequently Asked Questions (FAQ)” section directing users to appropriate fact sheets, and all PAC, TAC, and public written submissions.

ADDENDUM 1 – ADDITIONAL TOPICS FOR FACT SHEETS

- IWV Groundwater Model (overview and how used)
- Wastewater
- Rose Valley region
- El Paso region
- Subsidence issues
- Water quality issues
- Conservation
- Brackish study (note that it exists and provide contacts for information)
- Sky TEM (note that it exists and provide contacts for information)
- Lawsuits (List them)
- Contact information from C&E Plan

ADDENDUM 2 - INDIAN WELLS VALLEY GROUNDWATER FACT SHEET

The example fact sheet included below is a carefully worded document based on the status of groundwater in Basin 6-54, SGMA, the GSP, actions of the GA, and active involvement of the Technical Advisory Committee (TAC).

Indian Wells Valley Groundwater Fact Sheet

The Law: The Governor of California signed into law the “Sustainable Groundwater Management Act” (SGMA) in September 2014. The law went into effect in January 2015 and requires all groundwater basins that were removing/pumping more water from their basin than was naturally being recharged to develop a Plan to correct the situation and bring the basin into sustainability. The Plan had to be submitted to the State by January 2020.

The Problem: The State has designated the Indian Wells Valley (IWV) as a “Critically Over-Drafted” basin and the law requires the IWV to correct this over-draft situation and reach sustainability by 2040. “Critically Over-Drafted” is defined as the condition of pumping more groundwater over time than is naturally being recharged. The IWV has been pumping 3 to 4 times more water from the basin than is being recharged, every year for about 50 years. The existing groundwater in storage in the IWV is NOT unlimited, plus not all of the water currently in storage, is of good quality. Investigations of the IWV groundwater have consistently revealed that many areas in the basin contain poor quality water. These poor water occurrences are found at certain depths and even adjacent to areas that are currently being pumped for high quality water. At some point in time, the high quality water being pumped will be contaminated by the nearby poor

quality water. This poor water contamination problem will become critical with continued overpumping.

The Solution: All water in the IWV is groundwater that is pumped from local wells. There is no surface water used in the IWV. The chronic lowering of the depth to water in wells throughout the IWV can only be corrected, as required by the law, by pumping less groundwater. To support our future and even our present economy, it will be necessary to supply additional water from sources outside of the IWV and by using our existing groundwater more efficiently by reuse of waste water and implementation of even stronger conservation measures.

Current Progress: The IWV Groundwater Authority (GA) was formed with representatives from Kern, Inyo, and San Bernardino Counties, the City of Ridgecrest, and the IWV Water District. The Plan to correct the over-draft condition was approved by the GA and has been submitted to the State in accordance with the SGMA law. The State must approve the merits of this Plan and its report is due back to the GA in January 2022. The State also reserves the right to come to the IWV and take control of the sustainability effort, if the State does not approve the GA's planned approach. A number of lawsuits have been filed related to claimed water rights of certain Basin pumpers that await future Court findings.

Additional Information: We encourage you to visit the <https://iwvga.org/> web site and the <https://iwvgsp.com/> companion website. The first website has contact information, meeting notices and other records. The second web site has measured depths to groundwater in representative wells in the Basin and links to existing published reports that you can study on-line. We also encourage you to contact your current representatives for further questions and concerns you may have.

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