

Proposal Full View

Applicant Information				
Organization Name*	Indian Wells Valley Groundwater Authority			
Point Of Contact	First Name:*	Don	Last Name:*	Zdeba
	Email:*	don.zdeba@iwwvd.com		
	Division Name:		Phone:*	(760) 3845555 Ext:
	Address Line 1:*	500 W. Ridgecrest Blvd.	Address Line 2:	
	City:*	Ridgecrest	State:*	California
	Zip:*	93555		
Point Of Contact Position Title*	Acting General Manager			
Proposal Name*	Indian Wells Valley Groundwater Basin - GSP Implementation Projects for Water Supply Augmentation			
Proposal Objective*	<p>The Indian Wells Valley Groundwater Authority (IWVGA) is the exclusive Groundwater Sustainability Agency for the Indian Wells Valley Groundwater Basin. The IWVGA adopted and submitted its Groundwater Sustainability Plan (GSP) by the January 31, 2020, deadline mandated by the Sustainable Groundwater Management Act (SGMA) and is in the process of initiating GSP implementation. The proposal objective is to obtain grants funds which could be used by the IWVGA to fund initial efforts for implementing GSP Project No. 1 (Develop Imported Water Supply) and GSP Project No. 2 (Optimize Use of Recycled Water) in its GSP. The initial efforts include development of two (2) alternatives analyses for imported water supply and recycled water beneficial uses to supplement the two (2) technical memorandums prepared for the GSP and to serve as a basis for design, permitting, and environmental compliance for future imported and recycled water projects. The initial efforts also include Phase I of a Recycled Water Project involving the expansion and upgrade of the City of Ridgecrest's wastewater treatment plant, which will be used to generate a future recycled water supply. The Phase I Recycled Water Project will consist of design, permitting, and environmental compliance for expanding and upgrading the current secondary treatment facilities at the City of Ridgecrest's wastewater treatment facility.</p>			

Budget Information	
Other Contribution	\$0.00
Local Contribution	\$1,728,000.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested*	\$5,000,000.00
Total Proposal Cost*	\$6,728,000.00

Geographic Information						
Latitude*	DD(+/-):	35	MM:	38	SS:	56
Longitude*	DD(+/-):	117	MM:	47	SS:	58
Longitude/Latitude Clarification	Location of the approximate basin center using Google Earth coordinates					
Location	Location of the approximate basin center using Google Earth coordinates					
County*	Inyo, Kern, San Bernardino					
Ground Water Basin	6-054 Indian Wells Valley					
Hydrologic Region	South Lahontan					
Watershed	Indian Wells-Searles Valleys, Fremont-Antelope Valleys (Source: https://gis.water.ca.gov/app/boundaries/ and https://www.nrcs.usda.gov/wps/portal/nrcs/detail/?cid=nrcs143_013703)					

Legislative Information	
Assembly District*	26th Assembly District, 33rd Assembly District, 34th Assembly District
Senate District*	16th Senate District, 8th Senate District
US Congressional District*	District 23 (CA), District 8 (CA)

Project Information

Project Name: Component 1 - Component Administration	
Implementing Organization	Indian Wells Valley Groundwater Authority
Secondary Implementing Organization	
Proposed Start Date	2/1/2021
Proposed End Date	4/30/2024
Scope Of Work	The project scope of work includes general grant management tasks, including compliance with all grant agreement requirements. Supporting grant agreement documents such as quarterly invoices and progress reports will be prepared and submitted to DWR to report on the status of all grant-related GSP implementation tasks. Stakeholder coordination

	and outreach will occur to inform the public on the key milestones and tasks associated with successful GSP implementation.
Project Description	The project includes general grant management tasks, including compliance with all grant agreement requirements. Supporting grant agreement documents such as quarterly invoices and progress reports will be prepared and submitted to DWR to report on the status of all grant-related GSP implementation tasks. Stakeholder coordination and outreach will occur to inform the public on the key milestones and tasks associated with successful GSP implementation.
Project Objective	The project objective is to effectively manage the grant agreement between the IWVGA and DWR and achieve compliance with all requirements of the grant agreement.

Project Benefits Information	
No records found.	

Budget Information	
Other Contribution	\$0.00
Local Contribution	\$12,500.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested*	\$37,500.00
Total Project Cost*	\$50,000.00

Geographic Information						
Latitude*	DD(+/-):	35	MM:	38	SS:	56
Longitude*	DD(+/-):	117	MM:	47	SS:	58
Longitude/Latitude Clarification	Location of the approximate basin center using Google Earth coordinates					
Location	Location of the approximate basin center using Google Earth coordinates					
County*	Inyo, Kern, San Bernardino					
Ground Water Basin	6-054 Indian Wells Valley					
Hydrologic Region	South Lahontan					
Watershed	Indian Wells-Searles Valleys, Fremont-Antelope Valleys (Source: https://gis.water.ca.gov/app/boundaries/ and https://www.nrcs.usda.gov/wps/portal/nrcs/detail/?cid=nrcs143_013703)					

Legislative Information	
Assembly District*	26th Assembly District, 33rd Assembly District, 34th Assembly District
Senate District*	16th Senate District, 8th Senate District
US Congressional District*	District 23 (CA), District 8 (CA)

Project Name: Component 2 - Water Supply Augmentation Projects	
Implementing Organization	Indian Wells Valley Groundwater Authority
Secondary Implementing Organization	
Proposed Start Date	2/1/2021
Proposed End Date	12/30/2022
Scope Of Work	The project scope of work includes three (3) tasks. Under Tasks 1 & 2, the IWVGA will conduct two alternatives analyses of imported water projects and recycled water uses, respectively. The alternatives analyses will supplement the GSP Projects and will serve as the basis for design of future basin augmentation projects. Under Task 3, the IWVGA with the City of Ridgecrest will perform design, permitting, & environmental for an upgraded/expanded wastewater treatment facility.
Project Description	The Indian Wells Valley groundwater basin has been designated as a high-priority basin in critical overdraft, and as such, adopted and submitted a Groundwater Sustainability Plan (GSP) by January 31, 2020, in accordance with SGMA. The IWVGA's GSP allows for a reasonable quantity of overdraft to occur during the onset of GSP implementation to maintain current community livelihood and groundwater production until supplemental water supplies are acquired. The proposed Project represents the initial steps for acquiring and using supplemental water supplies (i.e. imported water and recycled water). Through the proposed Project, the IWVGA will complete additional engineering work (through technical and financial alternatives analyses) to inform future design, permitting, and environmental compliance efforts for future imported water and recycled water projects. The proposed Project will also allow the IWVGA with the City of Ridgecrest to complete design, permitting, and environmental compliance for an expanded and upgraded secondary wastewater treatment facility planned to generate recycled water supplies in the future. By completing the proposed Project, the IWVGA will maintain its commitment to allowing only a reasonable amount of overdraft to occur during GSP implementation.
Project Objective	The proposed Project objective is to initiate GSP implementation efforts so that the IWVGA's GSP sustainability goal is achieved and undesirable results are avoided and/or mitigated. The proposed Project will help the IWVGA achieve this objective by initiating the efforts required to secure supplemental water supplies to augment the Basin and mitigate future Basin overdraft.

Project Benefits Information	
No records found.	

Budget Information	

Other Contribution	\$0.00
Local Contribution	\$1,715,500.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested*	\$4,962,500.00
Total Project Cost*	\$6,678,000.00

Geographic Information						
Latitude*	DD(+/-):	35	MM:	38	SS:	56
Longitude*	DD(+/-):	117	MM:	47	SS:	58
Longitude/Latitude Clarification	Location of the approximate basin center using Google Earth coordinates					
Location	Location of the approximate basin center using Google Earth coordinates					
County*	Inyo, Kern, San Bernardino					
Ground Water Basin	6-054 Indian Wells Valley					
Hydrologic Region	South Lahontan					
Watershed	Indian Wells-Searles Valleys, Fremont-Antelope Valleys (Source: https://gis.water.ca.gov/app/boundaries/ and https://www.nrcs.usda.gov/wps/portal/nrcs/detail/?cid=nrcs143_013703)					

Legislative Information	
Assembly District*	26th Assembly District, 33rd Assembly District, 34th Assembly District
Senate District*	16th Senate District, 8th Senate District
US Congressional District*	District 23 (CA), District 8 (CA)

Section : Questions

Q1. Project Description:

Provide a brief abstract of the proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. (25 words or less)*

The proposal objective is to obtain funds which could be used by the IWVGA to fund initial efforts for implementing GSP Project No. 1 (Develop Imported Water Supply) and GSP Project No. 2 (Optimize Use of Recycled Water) of the IWVGA's GSP.

Q2. Previous Funding:

Has the applicant received prior funding through another grant source? *

- a) Yes
- b) No

If so, identify the source and amount of funding provided for the Project.

Proposition 1 SGMP Round 2, Category 1 = \$646,000; Proposition 1 SGMP Round 2, Category 2 = \$1,500,000; Proposition 68 SGMP Round 3 = \$330,000

Q3. Project Representative:

Provide the name and details of the Project Director who is responsible for signing and executing the grant agreement for the applicant. This is the authorized person as outlined within the adopted resolution and the title within the adopted resolution must align with the title provided here. Persons that are contractors/consultants or their subs cannot be listed as the Project Director. Other entities included in the GSA can be listed here.*

Don Zdeba;
 General Manager;
 Indian Wells Valley Groundwater Authority;
 500 W. Ridgecrest Blvd.;
 Ridgecrest, CA 93555;
 Phone: (760) 384-5555
 Fax: (760) 375-0167
 Email: don.zdeba@iwwvd.com

Q4. Project Manager:

Provide the name, title, and contact information of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application. This person must be an employee of the applicant agency and cannot be contractors/consultants or their subs.*

Don Zdeba;
 General Manager;

Indian Wells Valley Groundwater Authority;
 500 W. Ridgecrest Blvd.;
 Ridgecrest, CA 93555;
 Phone: (760) 384-5555
 Fax: (760) 375-0167
 Email: don.zdeba@iwvwd.com

Q5. Eligibility:

Has the applicant met the requirements listed within the 2019 Guidelines and submitted the Eligibility Criteria Self-Certification form?*

- a) Yes
- b) No

Q.5.1 Eligibility:

Is the proposed Project within the Projects and Management Actions section of the GSP or in an approved Alternative? Provide page references to the GSP or Alternative. The GSP or Alternative must be adopted and submitted on the SGMA Portal (a link to the SGMA Portal can be found in the Foreword).*

Yes, see GSP Pages 5-13 through 5-32

Provide the automated email response from the SGMA Portal.*

Last Uploaded Attachments: ProofofGSPSubmittaltoDWR_Basin-6-054.pdf

Q6. Eligibility:

To satisfy SB 985 requirements, all stormwater and dry weather capture projects must be listed in a SWRP or approved FE-SWRP that is consistent with the relevant code provisions enacted by SB 985 (Water Code §10562 (b)(7)) as determined by the State Water Board. The SWRP or FE-SWRP must be incorporated within the local Integrated Regional Water Management Plan (IRWMP). The definition of a stormwater and dry weather capture project is provided within Appendix B of the 2019 Guidelines.*

- a) This Project is Consistent (Yes)
- b) N/A

Q7. Underrepresented Community Cost Share Waiver or Reduction:

Are you applying for a local cost share waiver or reduction as a project that benefits an Underrepresented Community? Fill out Attachment 6 – Underrepresented Community, as appropriate.*

- a) Yes; See Attachment 6
- b) No

Q8. Certification:

By submitting the application, the applicant and its authorized representative are certifying that:

- a) The applicant is an eligible entity;
- b) He/She is aware that any attachment exceeding the page limit listed in the attachment templates will NOT be reviewed;
- c) He/She is aware that, once the proposal is submitted in GRanTS, any privacy rights and other confidentiality protections offered by law with respect to the application package and project location are waived;
- d) He/She is aware that, if the proposed Project is chosen for funding, any privacy rights and other confidentiality protections offered by law with respect to any portion of the grant (including the grant agreement, all deliverables, all invoices and backup documentation supporting the invoices, and all reporting requirements outlined within the agreement) are waived; and
- e) He/She, and their attorney, has read and agrees to all the Terms and Conditions of the grant agreement template.*

- a) Yes (Certified)
- b) No

Section : Climate Risk in Investments

Climate Risk in Investment

Q9 Climate: Does the organization have a primary point of contact for climate change?

- a) Yes
- b) No

If Yes, to what position in the origination does that person report?

Q10 Climate: Does the organization have a strategic business plan that considers climate change?

- a) Yes
- b) No

If Yes, please submit a copy.

Q.11 Climate: Has the organization adopted any policies or made any formal public statements about climate change?

- a) Yes
- b) No

If yes, please submit a copy.

Q12 Climate: Has the organization conducted a climate change vulnerability assessment?

- a) Yes
- b) No

If Yes, please submit a copy.

Q13 Climate: How would you describe your organization’s capacity to adapt to the impacts of climate change? (Open ended; one to three paragraphs.)

The Indian Wells Valley groundwater basin is located within the planning region boundaries of the Inyo-Mono Integrated Regional Water Management Plan (IRWMP). Although the IWVGA's proposed Project (described further in Attachment 3 "Work Plan") is not included in the Inyo-Mono IRWMP, Chapter 3 of the Inyo-Mono IRWMP, adopted September 25, 2019, discussed impacts and vulnerabilities of climate change to the planning region. In addition, it should be noted that the IWVGA has considered climate change during a recent update of the groundwater modeling used to develop the GSP for the Indian Wells Valley groundwater basin.

Section : Attachments

Attachment 1: Authorizing Documentation (e.g. resolution)

Upload Authorizing Documentation here. **The Attachment is mandatory.***

Last Uploaded Attachments: Att1_SGM_AuthDoc_1ofTotal1.pdf

Attachment 2: Eligibility Applicant Documentation

Upload Eligibility Applicant Documentation here. **The attachment is mandatory.***

Last Uploaded Attachments: Att2_SGM_EligDoc_1ofTotal1.pdf

Attachment 3: Work Plan

Upload Work Plan here. (Applicant **MUST** use supplied template) **The attachment is mandatory.***

Last Uploaded Attachments: Att3_SGM_WrkPlan_1ofTotal1.pdf

Attachment 4: Budget

Upload Budget here. (Applicant **MUST** use supplied template) **The attachment is mandatory.***

Last Uploaded Attachments: Att4_SGM_Budget_1ofTotal1.pdf

Attachment 5: Schedule

Upload Schedule here. (Applicant MUST use supplied template) The attachment is mandatory.*

Last Uploaded Attachments: Att5_SGM_Schedule_1ofTotal1.pdf

Attachment 6: Underrepresented Community Documentation

Upload Underrepresented Community Documentation (as applicable) here. (Applicant MUST use supplied template)

Last Uploaded Attachments: Att6_SGM_URC_1ofTotal1.pdf

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

“ATTACHMENT TAB”

ATTACHMENT 1

AUTHORIZING DOCUMENTATION

1.0 AUTHORIZING DOCUMENTATION

The Indian Wells Valley Groundwater Authority (IWVGA) Board of Directors (Board) adopted a Resolution 09-20 on November 19, 2020, authorizing the General Manager of the IWVGA to submit this Sustainable Groundwater Management Grant Program application and execute a grant funding agreement with the State of California. A copy of the signed Resolution is provided in Attachment 1-1.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 1-1
IWVGA AUTHORIZING RESOLUTION

IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members

DATE: November 19, 2020

FROM: IWVGA Staff

SUBJECT: Agenda Item No. 13 - Board Consideration and Approval of Resolution 09-20 – Submitting an Application for New Prop 68 Grant Funding.

DISCUSSION

The California Department of Water Resources (DWR) is soliciting applications for Proposition 68 Implementation – Rounds 1 & 2 (Proposition 68) grants under the Sustainable Groundwater Management Grant Program. The Proposition 68 grants provide funding for eligible projects consistent with implementation of Groundwater Sustainability Plans (GSPs), including projects that address drought and groundwater challenges to achieve regional sustainability, groundwater replenishment, groundwater contamination cleanup, or other conjunctive use projects. Other eligible projects include those that support water supply reliability, water conservation, water use efficiency, water banking, exchange, and reclamation. The current Proposition 68 Round 1 grant solicitation will close on Friday, January 8, 2021 at 5:00 pm PST. The Proposition 68 Round 2 grant solicitation is currently anticipated to open in spring 2022.

The Proposition 68 grants funds could be used by the IWVGA to fund initial tasks associated with implementation of the imported water project and recycled water project(s) identified in the IWVGA's GSP. The first task includes conducting a project alternatives analysis for the two imported water projects identified in the GSP by further evaluating the technical, institutional, and financial constraints for each project. The intent is that the alternatives analysis would be the basis for selection of a preferred alternative. The second task includes conducting an alternatives analysis of potential recycled water projects to identify the most efficient and beneficial use of recycled water supplies from the City of Ridgecrest's wastewater treatment facility. The potential recycled water alternatives that may be considered include: groundwater replenishment with all or most of the available recycled water by injection, groundwater replenishment by surface spreading, direct use of recycled water by Searles Valley Minerals, and landscaping irrigation. Additionally, the grant funds could be used by the IWVGA to fund a portion of the environmental review, permitting, and design of the expansion and upgrade of the City of Ridgecrest's existing wastewater treatment facility, anticipating that benefits will be provided to the IWVGA in return.

The Proposition 68 grant solicitation is a competitive process, so funding is not guaranteed. However, if the IWVGA's application is successful, the minimum potential grant funding available to the IWVGA in Round 1 would be \$2,000,000, and the maximum potential grant funding available in Round 1 would be \$5,000,000. These minimum and maximum grant funding amounts also apply to Round 2 regardless of the final grant funding awarded in Round 1, so the IWVGA could potentially receive a maximum grant funding amount of up to \$10,000,000 through both Rounds 1 & 2. It should also be noted that the \$26,000,000 of total grant funding allocated to Proposition 68 Round 1 will be provided only to projects located within critically over-drafted groundwater basins, such as the Indian Wells Valley Basin.

The anticipated local cost share (i.e. matching funds) is 25%, however, this required share might be lowered to 15% if the proposed projects provide sufficient benefits to Underrepresented Communities (e.g. Disadvantaged Communities) in the Indian Wells Valley Basin. The request for a lowered cost share would need to be justified in the grant application through a minimum of five (5) letters of support provided by Underrepresented Communities in the Indian Wells Valley Basin. However, it is not clear at this time if (and to what degree that) the above proposed projects will meet the qualifications for a lower local cost share.

A motion is needed which requires two parts: (1) Authorization for Stetson Engineers Inc. (Stetson) to prepare and submit an application on behalf of the IWVGA for the Proposition 68 grant solicitation at an estimated cost of \$45,000; and (2) Adoption of a Resolution No. 09-20 Authorizing an Agreement with the State of California for Proposition 68 Grant Funding for Sustainable Groundwater Implementation.

Financial Impact:

Stetson Engineers estimates it will require a budget of approximately \$45,000 for preparation of the grant application.

RECOMMENDATION

Staff recommends that your Board authorize Stetson Engineers to prepare the Proposition 68 Implementation grant application and adopt the attached Resolution No. 09-20.

BEFORE THE BOARD OF DIRECTORS INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

In the matter of:

Resolution No. 09-20

AUTHORIZING AN AGREEMENT WITH THE STATE OF CALIFORNIA FOR PROPOSITION 68 GRANT FUNDING FOR SUSTAINABLE GROUNDWATER IMPLEMENTATION

I, April Keigwin, Clerk of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following resolution, on motion of Director Kicinski, seconded by Vice-Chair Hayman, was duly passed and adopted by the Board of Directors at an official meeting this 19th day of November 2020, by the following vote:

AYES: Gleason, Hayman, Page, Kicinski

NOES: Vallejo

ABSENT:


Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

RESOLUTION

Section 1. **WHEREAS:**

(a) The "Sustainable Groundwater Management Act" (SGMA) requires that the Indian Wells Valley Groundwater Basin be managed under a Groundwater Sustainability Plan (GSP) by no later than January 31, 2020; 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) Grant funding from DWR is available through Proposition 68 Round 1 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 \$5,000,000, through submittal of a Round 1 SGM Implementation grant program Application to DWR; and

(e) The SGM Implementation grant program Application solicitation was released on November 9, 2020 and is to be submitted to DWR by January 8, 2021 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 Sustainable Groundwater Management (SGM) Grant Program Implementation – Round 1 Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (Proposition 68) (Pub. Resources Codes, § 80000 et seq.), and to enter into an agreement to receive a grant for the following projects: (1) Imported Water Supply Alternatives Analysis, (2) Recycled Water Use Alternatives Analysis and/or (3) Recycled Water Project Phase 1: Treatment Design. 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 November 19th, 2020.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

“ATTACHMENT TAB”

ATTACHMENT 2

**ELIGIBILITY SELF-CERTIFICATION FORM AND
SUPPLEMENTAL INFORMATION**

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)	5/1/2020
	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.

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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 load 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

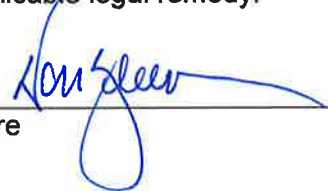
12. **Groundwater Sustainability Plan (GSP):** Does the Project(s) or Component(s) include activities associated with the implementation of an adopted GSP or approved Alternative and listed within an adopted GSP or approved Alternative?

Yes No

If no, DWR cannot enter into an agreement.

I, Don Zdeba, 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.

Don Zdeba
Name of Authorized Representative
(Please print)


Signature

Acting General Manager
Title

1/8/2021
Date

1.0 ELIGIBILITY DOCUMENTATION

Pursuant to the California Department of Water Resources' (DWR) "Implementation Grants Proposal Solicitation Package", dated October 2020, eligible applicants for Proposition 68 funding include "GSAs or member agencies of the GSAs for the basin for which the application is submitted".

The applicant for the proposed Project (described in Section 3 "Work Plan") is the Indian Wells Valley Groundwater Authority (IWVGA). The IWVGA was formed as a joint powers agency (JPA) in response to the provisions of the Sustainable Groundwater Management Act of 2014 (SGMA) to have "high" and "medium" priority groundwater basins managed by a Watermaster service or through a Groundwater Sustainability Agency (GSA). The IWVGA is the GSA for the Indian Wells Valley Groundwater Basin. The GSA and JPA formation documents provided by the IWVGA to DWR are provided in Attachment 2-1. The IWVGA consists of the following voting member agencies:

- 1) City of Ridgecrest (a public agency)
- 2) Indian Wells Valley Water District (a public utility)
- 3) County of Kern (a public agency)
- 4) County of Inyo (a public agency)
- 5) County of San Bernardino (a public agency)

along with the United States Department of the Interior Bureau of Land Management and the United States Navy, Naval Air Weapons Station China Lake as non-voting associate members.

In addition to meeting the GSA eligibility requirement for Proposition 68, Round 1 proposals, the IWVGA and the Indian Wells Valley groundwater basin are compliant with eligibility criteria discussed in Section III.C of DWR's "SGM Grant Program 2019 Guidelines", dated September 2019.

To supplement the Eligibility Self-Certification form, additional information on these eligibility criteria are discussed further below.

2.0 AGRICULTURAL WATER MANAGEMENT PLAN COMPLIANCE

The IWVGA is not an agricultural water supplier¹ and is not required to prepare an Agricultural Water Management Plan. The member agencies of the IWVGA are also not agricultural water suppliers. A listing of 2015 Agricultural Water Management Plans required by DWR is provided in Attachment 2-2. The DWR listing shows there are no water suppliers associated with the Indian

¹ An agricultural water supplier is defined as a "water supplier, either publicly or privately owned, provided water to 10,000 or more irrigated acres, excluding the acreage that received recycled water; also include a supplier or contractor for water regardless of the basis of right that distributes or sells water for ultimate resale to customers (Water Code §10608.12.(a))"

Wells Valley groundwater basin area which need to submit a 2015 Agricultural Water Management Plan.

3.0 CASGEM COMPLIANCE

The Indian Wells Valley groundwater basin is in compliance with the California State Groundwater Elevation Monitoring (CASGEM) program. A DWR letter, dated November 18, 2011, designating the Indian Wells Valley Cooperative Groundwater Management Group (IWVCGMG) as the CASGEM monitoring entity for the Indian Wells Valley groundwater basin is provided in Attachment 2-3. (Also attached is a DWR e-mail dated December 19, 2017 indicating DWR approved a request to change the monitoring entity change from the IWVCGMG to the IWVGA.) As part of the CASGEM program for the Indian Wells Valley groundwater basin, groundwater elevation data from 39 monitoring well locations is currently submitted twice a year to DWR. The most recent round of groundwater elevation results were uploaded to CASGEM (see Attachment 2-4).

4.0 CONSISTENCY WITH THE DELTA PLAN

The IWVGA's proposed Project (described further in Attachment 3 "Work Plan") will not result in construction of physical facilities within the Sacramento-San Joaquin Delta or Suisun Marsh. However, the IWVGA's GSP does recommend the procurement of imported water supplies from the Delta area for use in the Indian Wells Valley groundwater basin area. When imported water supplies are being procured, the IWVGA will engage with the Delta Stewardship Council regarding regulatory policies and consistency with the Delta Plan.

5.0 OPEN AND TRANSPARENT WATER DATA

Assembly Bill 1755, the Open and Transparent Water Data Act (AB 1755) was passed with the goal of improving water resources management through development of an open source platform that integrates existing water and ecological data. AB 1775 specific requirements for protocol development are included in California Water Code § 12406. To support the initial implementation of AB 1755, DWR has consulted with the partner agencies and others to outline three initial minimum protocols². Additional protocols and data standards will be developed in the future with a goal of increasing the interoperability of systems and datasets.

The IWVGA will adhere to protocols developed pursuant to California Water Code § 12406. It should be noted the IWVGA has a publicly available data management system at <https://iwvgsp.com/>. The website presents supporting elements of the GSP, including monitoring, reporting, and management criteria. The website also stores other elements supporting the GSP including a water budget, hydrogeologic conceptual model, and supporting documentation.

² <https://water.ca.gov/Programs/All-Programs/AB-1755>

6.0 PUBLIC UTILITIES AND MUTUAL WATER COMPANIES

The IWVGA was formed as a JPA and is not a public utility under the regulation of the California Public Utilities Commission (CPUC). In addition, the IWVGA is not a mutual water company. Therefore, the requirements from California Water Code § 79712 do not apply to IWVGA. It should be noted, however, the IWVGA's proposed Project (described further in Attachment 3 "Work Plan") will benefit GSP implementation in order to achieve groundwater sustainability in the Indian Wells Valley groundwater basin. As a result, the proposed Project will benefit all water customers within the Indian Wells Valley groundwater basin, including many mutual water company customers located within the basin. In addition, customers from the Searles Domestic Water Company, regulated by the CPUC, will benefit from the proposed Project (the Searles Domestic Water Company is located outside of the basin, but produces groundwater from the basin).

7.0 STORMWATER RESOURCES PLAN (SWRP) COMPLIANCE

California Water Code § 10563 requires the development of a SWRP, or equivalent, for stormwater and dry weather runoff capture projects. The IWVGA's proposed Project (described further in Attachment 3 "Work Plan") does not include stormwater and dry weather runoff capture projects. Furthermore, the GSP recommendations will not include any stormwater and dry weather runoff capture projects. As a result, the IWVGA is not required to develop an SWRP.

8.0 SURFACE WATER DIVERTER COMPLIANCE

The IWVGA is not a surface water diverter and is not required to submit surface water diversion reports to the State Water Resources Control Board (SWRCB). A listing of all surface water rights holders in the vicinity of the Indian Wells Valley groundwater basin (within the Indian Wells and Fremont watersheds), obtained from the SWRCB's Electronic Water Rights Information Management System (e-WRIMS), is provided in Attachment 2-4. The SWRCB e-WRIMS listing shows IWVGA member agencies do not own any surface water rights in the basin area.

9.0 SUSTAINABLE WATER USE AND DEMAND REDUCTION

The IWVGA is not an urban water supplier³ and is not required to meet the 20 percent "gallons per capita per day (GPCD)" reduction by 2020 pursuant to the Water Conservation Act of 2009 (SBx7-7). However, it should be noted the Indian Wells Valley Water District (IWWVD), a member agency of the IWVGA, is an urban water supplier. IWWVD has prepared its 2015 Urban Water Management Plan, dated June 2016, which is discussed further in Section 12 below. IWWVD's

³ An urban water supplier is defined as a "supplier, either publicly or privately owned, that provides water for municipal purposes, either directly or indirectly, to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually (Water Code §10617)."

2015 Urban Water Management Plan identified a 2020 water use target of 214.2 GPCD which incorporates the 20 percent required reduction. IWVWD's current water demands were 6,507 acre-feet in 2017, or approximately 5,809,075 gallons per day. Based on a current population of approximately 29,900 people⁴, the current IWVWD water use rate is 194 GPCD (which is less than 214.2 GPCD). IWVWD is on track to meet its 2020 water use target.

10.0 URBAN WATER MANAGEMENT PLAN COMPLIANCE

The IWVGA is not an urban water supplier and is not required to prepare an Urban Water Management Plan. However, it should be noted the Indian Wells Valley Water District (IWVWD), a member agency of the IWVGA, is an urban water supplier. IWVWD has prepared its 2015 UWMP, dated June 2016, which is available for download from the following DWR website: https://wuedata.water.ca.gov/uwmp_plans.asp

An April 26, 2017 approval letter from DWR to IWVWD is provided in Attachment 2-6 and indicates IWVWD's 2015 UWMP has addressed the requirements of the California Water Code.

11.0 WATER METERING COMPLIANCE

The IWVGA is not an urban water supplier and is not required to meet the water metering requirements of California Water Code § 525. However, it should be noted the Indian Wells Valley Water District (IWVWD), a member agency of the IWVGA, is an urban water supplier. The IWVGA's proposed Project (described further in Attachment 3 "Work Plan") will provide sustainability benefits to all users within the Indian Wells Valley groundwater basin, including IWVWD. The IWVGA's proposed Project includes the potential installation of new groundwater production wells and/or treatment, and procuring imported water supplies which will require a water supply permit amendment (under the State Water Resources Control Board – Division of Drinking Water). These proposed projects will have suitable water meters included in the design plans to meet the requirements of California Water Code § 525.

12.0 GROUNDWATER SUSTAINABILITY PLAN (GSP)

The IWVGA adopted and submitted its GSP to DWR in January 2020. The proposed Project included in this grant application (see Attachment 3 Work Plan) includes activities associated with the implementation of the IWVGA's adopted GSP. Specifically, the proposed Project aligns with GSP Project No. 1 (Develop Imported Water Supply) and GSP Project No. 2 (Optimize Use of Recycled Water) in the IWVGA's GSP.

⁴https://sdwis.waterboards.ca.gov/PDWW/JSP/WaterSystemDetail.jsp?tinwsys_is_number=1749&tinwsys_st_code=CA

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 2-1
GSA AND JPA FORMATION DOCUMENTS

MARK L. NATIONS
INTERIM COUNTY COUNSEL

CHIEF DEPUTIES

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December 22, 2016

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**NOTICE OF THE INDIAN WELLS VALLEY GROUNDWATER AUTHORITY'S
ELECTION TO BECOME A GROUNDWATER SUSTAINABILITY
AGENCY FOR THE ENTIRETY OF THE INDIAN WELLS
VALLEY GROUNDWATER BASIN**

Pursuant to the provisions of the Sustainable Groundwater Management Act (SGMA), and in particular California Water Code section 10723.8, the Indian Wells Valley Groundwater Authority (Authority) hereby gives notice to the California Department of Water Resources (DWR) of its election to become a Groundwater Sustainability Agency (GSA) and to undertake sustainable groundwater management for the entirety of the Indian Wells Valley Groundwater Basin (Basin).

The Basin, which is designated as Basin No. 6-54 in California Department of Water Resources Bulletin 118, is included on the list of critically overdrafted basins. The entirety of the Basin, which overlies portions of Kern, Inyo, and San Bernardino Counties, is coterminous with the GSA management area subject to this Notice, which is depicted on the attached Exhibit A (Management Area).

The Joint Powers Agreement forming the Indian Wells Valley Groundwater Authority, which is attached hereto as Exhibit B, consists of five signatories. The signatories are all GSA eligible entities and their combined political boundaries overly the entirety of the Basin. The signatories formed the Authority for the express purpose of becoming the GSA for the entirety of the Basin.

Prior to its decision to become a GSA for the Management Area, the Authority's Board of Directors held a properly noticed public hearing on December 8, 2016. The public hearing was held in accordance with Water Code section 10723(b), and it was noticed in accordance with Government Code section 6066. Proof of Publication is attached hereto as Exhibit C.

At the conclusion of the public hearing, the Authority's Board of Directors unanimously adopted Resolution No. 02-16 (attached hereto as Exhibit D) electing to become a GSA for the Management Area. The Authority's Board of Directors did not adopt any new bylaws, ordinances, or other authorities related to this Notice; and this Notice has been provided within 30 days of the hearing as provided for in Water Code section 10723.8(a).

As of the date of this Notice, and to the best of the Authority's knowledge, there are no other agencies, local agencies as defined by Water Code section 10721(n), and/or Groundwater Sustainability Agencies as defined by Water Code section 10721(j) that are managing, or proposing to manage, groundwater within the Basin pursuant to SGMA. To the best of the Authority's knowledge, a list of agencies that could potentially file to be a GSA within the Basin is attached hereto as Exhibit E.

Pursuant to California Water Code sections 10723.8 and 10723.2, the Authority has considered, and will continue to consider, the interests of all beneficial uses and users of groundwater, as well as those that are responsible for implementing GSPs. Additionally, the Authority is committed to an open process including active and open discussions with all interested parties during the GSP development process.

Pursuant to California Water Code section 10723.8 and 10723.2, the Authority is actively developing a list of interested parties within the Management Area. The Authority is committed to amending this list as necessary during the GSP development process. To the best of the Authority's knowledge, a complete list of interested parties developed to date is attached hereto as Exhibit F.

The Authority is committed to cooperatively and collaboratively working with all interested parties in an inclusive and open process that will lead to the development and implementation of a GSP that achieves sustainable groundwater management. The Authority is committed to providing all interested parties with opportunities, both formal and informal, to provide input throughout the process of developing, operating, and implementing the GSA and GSP. In part, the Authority's commitment will take the form of formal and informal outreach to all interested parties, as well as the holding of public informational meetings and the development of an informational website.

By this Notice, the Authority has provided DWR with all applicable information required by Water Code section 10723.8(a). If any further information is required, please contact Alan Christensen at 661-868-3183 or at the following email address: achristensen@co.kern.ca.us.

Sincerely,

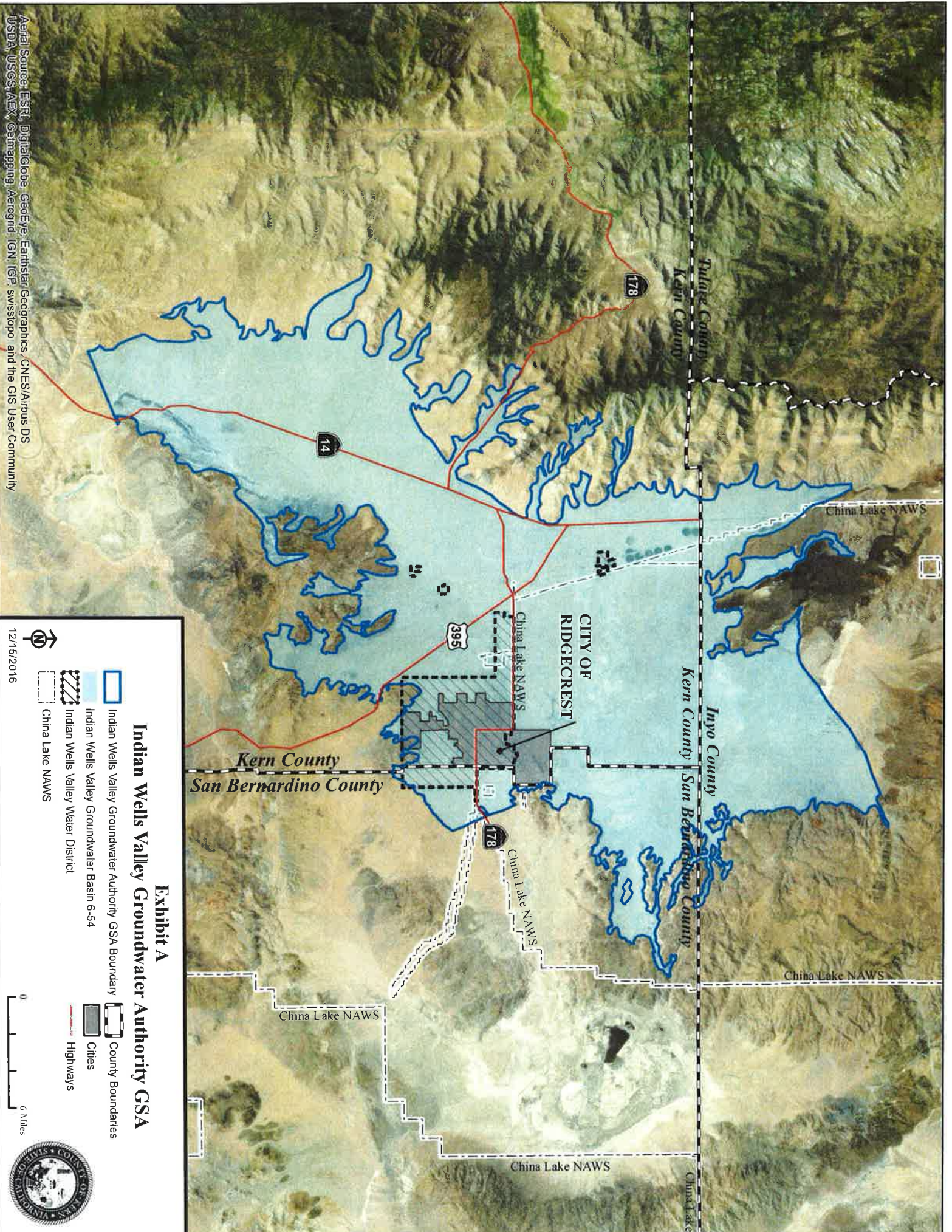


Phillip W. Hall
General Counsel for the Indian Wells
Valley Groundwater Authority

cc: Indian Wells Valley Groundwater Authority

enclosures

Exhibit “A”



Aerial Source: ESRI, DigitalGlobe, GeoEye, Earthstar/Geographics, CNES/Airbus DS, USDA, USGS, AeroX, @marming, Aerogrind, IGN, ICF, swisstopo, and the GIS User Community

Exhibit A
Indian Wells Valley Groundwater Authority GSA

- Indian Wells Valley Groundwater Authority GSA Boundary
- Indian Wells Valley Groundwater Basin 6-54
- Indian Wells Valley Water District
- China Lake NAWs
- Cities
- County Boundaries
- Highways



12/15/2016



Exhibit “B”

Kern County

Agt. # 852-2016

**JOINT EXERCISE OF
POWERS AGREEMENT**

creating the

**INDIAN WELLS VALLEY
GROUNDWATER AUTHORITY**

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INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

JOINT EXERCISE OF POWERS AGREEMENT

THIS JOINT EXERCISE OF POWERS AGREEMENT (“**Agreement**”) forming the Indian Wells Valley Groundwater Authority (“**Authority**”) is made and entered into as of July 15, 2016 (“**Effective Date**”), by and among the public agencies listed on the attached Exhibit “A” (collectively “**General Members**” and individually “**General Member**”) for the purpose of forming a Groundwater Sustainable Agency (“**GSA**”) and achieving groundwater sustainability in the Indian Wells Valley Groundwater Basin.

RECITALS

WHEREAS, the comprehensive groundwater legislation collectively enacted and referred to as the “Sustainable Groundwater Management Act” (“**SGMA**”) initially became effective on January 1, 2015.

WHEREAS, 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 at a local level by providing local groundwater agencies with the authority and technical and financial assistance necessary to sustainably manage groundwater.

WHEREAS, SGMA further provides for and anticipates that the local groundwater agencies and federal governmental entities overlying a basin will form Groundwater Sustainable Agencies (“**GSAs**”) for the purpose of achieving groundwater sustainability through the adoption and implementation of Groundwater Sustainability Plans (“**GSPs**”) for the basin.

WHEREAS, each of the General and Associate Members overlie a portion of the Indian Wells Valley Groundwater Basin (“**Basin**”) which is designated basin number 6-54 in Department of Water Resources Bulletin No. 118 and which is included on the list of critically overdrafted basins.

WHEREAS, SGMA requires that the Basin have a designated GSA by no later than June 30, 2017 and an adopted GSP by no later than January 31, 2020.

WHEREAS, the General Members are authorized by the Joint Exercise of Powers Act (Chapter 5 of Division 7 of Title 1 of the California Government Code) (“**Act**”) to create the Authority for the purpose of jointly exercising those powers granted by the Act and any additional powers which are common among them.

WHEREAS, the General and Associate Members, individually and collectively, have the goal of cost effective sustainable groundwater management that considers the interests and concerns of all of the communities and parties that rely upon the Basin for their water supply.

WHEREAS, the General Members hereby enter into this Agreement to establish this Joint Powers Authority to undertake the management of groundwater resources pursuant to SMGA.

AGREEMENT TERMS

NOW THEREFORE, in consideration of the matters recited and the mutual promises, covenants, and conditions set forth in this Agreement, the Associate Members having expressed their intent to enter into a memorandum of understanding with the Joint Powers Authority delineating their participation in the Authority, the General Members hereby agree as follows:

Article I: Definitions

Section 1.01 – Definitions.

As used in this Agreement, unless the context requires otherwise, the meaning of the terms hereinafter set forth shall be as follows:

(a) “Act” shall mean the Joint Exercise of Powers Act, set forth in Chapter 5 of Division 7 of Title 1 of the California Government Code, sections 6500, *et seq.*, including all laws supplemental thereto.

(b) “Agreement” means this Indian Wells Valley Ground Water Authority Joint Exercise of Powers Agreement.

(c) “Associate Member” or “Associate Members” shall refer to those federal governmental entities listed in the attached Exhibit “B”. Associate Members shall only consist of those federal governmental entities overlying the Basin who are authorized to participate in a GSA and whose willful participation is necessary because of, and limited by, legal principles such as sovereign immunity and/or the preemption doctrine. To the extent permitted by law and/or federal rules and regulations as they may be amended, “Associate Members” shall be afforded a representative non-Director’s seat on the Authority’s Board of Directors which will entitle them to full participation in the meetings and discussions of the Board. However, Associate Members shall not appoint Directors and they shall not have the power to vote on any action to be taken by the Authority or to become an officer of the Authority.

(d) “Authority” shall mean the Indian Wells Valley Groundwater Authority, which is a separate entity created by this Agreement pursuant to the provisions of California Government Code sections 6500 *et seq.*

(e) “Basin” shall mean the Indian Wells Valley Groundwater Basin which is designated basin number 6-54 in Department of Water Resources’ Bulletin No. 118 and as its boundaries may be modified from time to time through the procedures described in California Water Code section 10722.2.

(f) “Board of Directors” or “Board” shall mean the governing body of the Authority as established by Section 6.01 of this Agreement.

(g) "Bylaws" shall mean the bylaws adopted by the Board of Directors pursuant to Section 8.5 of this Agreement to govern the day-to-day operations of the Authority.

(h) "Fiscal Year" shall mean that period of 12 months established as the Fiscal Year of the Authority pursuant to Section 9.03 of this Agreement.

(i) "General Member" or "General Members" shall mean the eligible agencies listed in the attached Exhibit "A" that have executed this Agreement, including any new General Members that may subsequently join this Authority with the authorization of the Board, pursuant to Section 5.02 of this Agreement.

(j) "Groundwater Sustainability Agency" or "GSA" shall have the meaning set forth in California Water Code section 10721(j).

(k) "Groundwater Sustainability Plan" or "GSP" shall have the meaning set forth in California Water Code section 10721(k).

(l) "Primary Director" and "Alternate Director" shall mean a Primary Director or Alternate Director appointed by a General Member pursuant to Section 6.02 of this Agreement.

(m) "Regular Monthly Receivables" shall mean those costs and bills of the Authority, which are routine in nature and which have not been objected to by any Director either at the meeting or in writing prior to the meeting.

(n) "Special Activities" shall mean activities that are consistent with the purpose of this Agreement and which are done in the name of the Authority pursuant to Section 10.01 of this Agreement, but which are undertaken by fewer than all the General Members.

(o) "Sustainable Groundwater Management Act" or "SGMA" shall mean the comprehensive groundwater legislation collectively enacted and referred to as the "Sustainable Groundwater Management Act" ("SGMA") as codified in California Water Code sections 10720 *et seq.* and as may be amended in the future.

Article II: Authority Creation

Section 2.01 – Creation of the Authority.

There is hereby created a joint powers agency known as the Indian Wells Valley Groundwater Authority ("Authority"). The Authority shall be, to the extent provided by law, a public entity separate from the General Members of this Agreement.

Section 2.02 – Purpose of the Authority.

The purpose of this Agreement, and the creation of the Authority, is to provide for the joint exercise of powers common to the General Members, and those additional powers granted by SGMA, for the purpose of cooperatively carrying out the requirements of SGMA, including, but not limited to, serving as the GSA for the Basin and developing, adopting and implementing a GSP that achieves groundwater sustainability in the Basin.

Article III: Term

Section 3.01 – Term.

This Agreement shall become operative on the Effective Date provided that at least two of the General Members listed in Exhibit A have executed this Agreement by said date. If an eligible agency listed in Exhibit A has not executed this Agreement and paid their initial funding contribution called for in Section 9.02 by August 15, 2016, they will lose their right to join through execution of this Agreement and their membership will be subject to the process for inclusion of new General Members set forth in Section 5.02.

This Agreement shall remain in effect until terminated by the unanimous written consent of all then active General Members or there are less than two General Members remaining in the Authority; provided, however, that this Agreement shall remain in effect during the term of any contractual obligation or indebtedness of the Authority that was previously approved by the Board.

Article IV: Powers

Section 4.01 – Powers.

The Authority shall possess the ability to exercise those powers specifically granted by the Act. Additionally, the Authority shall possess the ability to exercise the common powers of its Members related to the purposes of the Authority, including and limited to the following:

- 4.01.1 To designate itself the GSA for the Basin pursuant to SGMA.
- 4.01.2 To develop, adopt and implement a GSP for the Basin pursuant to SGMA.
- 4.01.3 To adopt rules, regulations, policies, bylaws and procedures governing the operation of the Authority and the adoption and implementation of the GSP.
- 4.01.4 To contract for the services of engineers, attorneys, planners, financial consultants, and separate and apart therefrom to appoint agents and representatives to employ such other staff persons as necessary.
- 4.01.5 To collect and monitor all data related and beneficial to the development, adoption and implementation of the GSP for the Basin
- 4.01.6 To issue revenue bonds or other appropriate public or private debt and incur debts, liabilities or obligations in connection with the operation, maintenance, administration and management of any facilities required to carry out these purposes.
- 4.01.7 To levy assessments, charges and fees as provided in SGMA.

- 4.01.8 To regulate and monitor groundwater extractions as permitted by SGMA, provided that this provision does not extend to a General or Associate Member's operation of its system to distribute water once extracted or otherwise obtained, unless and to the extent required by other laws.
- 4.01.9 To establish and administer water banking programs for the benefit of the Basin.
- 4.01.10 To establish and administer water recycling, recapturing or purifying programs for the benefit of the Basin.
- 4.01.11 To cooperate, act in conjunction and contract with the United States, the State of California, or any agency thereof, counties, municipalities, public and private corporations of any kind (including without limitation, investor-owned utilities), and individuals, or any of them, for any and all purposes necessary or convenient for the full exercise of the powers of the Authority.
- 4.01.12 To accumulate operating and reserve funds and invest the same as allowed by law for the purposes of the Authority.
- 4.01.13 To apply for and accept grants, contributions, donations and loans under any federal, state or local programs for assistance in developing or implementing any of its projects or programs in connection with any project undertaken in the Authority's name for the purposes of the Authority.
- 4.01.14 To acquire by negotiation or condemnation, lease, purchase, construct, hold, manage, maintain, operate and dispose of any buildings, property, water rights, works or improvements within and without the respective boundaries of the General Members necessary to accomplish the purposes described herein.
- 4.01.15 To sue or be sued in its own name.
- 4.01.16 To invest funds pursuant to California Government Code section 6509.5 or other applicable State Law.
- 4.01.17 Any power necessary or incidental to the foregoing powers in the manner and according to the procedures provided for under the law applicable to the General Members to this Agreement.
- 4.01.18 Any additional powers conferred under SGMA or the Act or under applicable law, insofar as such powers are needed to accomplish the purposes of SGMA, including all powers granted to the Authority under Article 4 of the Act which are in addition to the common powers of the General Members, including the power to issue bonds or otherwise

incur debts, liabilities or obligations to the extent authorized by the Act or any other applicable provision of law and to pledge any property or revenues of the rights thereto as security for such bonds and other indebtedness.

Section 4.02 – Exercise of Powers.

In accordance with California Government Code section 6509, the foregoing powers shall be subject to the restrictions upon the manner of exercising such powers pertaining to the County of Kern.

Section 4.03 – Water Rights and Consideration of all Beneficial Uses and Users of Groundwater in the Basin.

As set forth in California Water Code section 10723.2, and any future amendments to SGMA, the GSA shall consider the interests of all beneficial uses and users of groundwater in the Basin, as well as those responsible for implementing the GSP. Additionally, as set forth in California Water Code section 10720.5(a), and any future amendments to SGMA, any GSP adopted pursuant to this Agreement shall be consistent with Section 2 of Article X of the California Constitution and nothing in this Agreement modifies the rights or priorities to use or store groundwater consistent with Section 2 of Article X of the California Constitution, with the exception that no extraction of groundwater between January 1, 2015 and the date the GSP is adopted may be used as evidence of, or to establish or defend against, any claim of prescription. Likewise, as set forth in California Water Code section 10720.5(b), and any future amendments to SGMA, nothing in this Agreement or any GSP adopted pursuant to this Agreement determines or alters surface water rights or groundwater rights under common law or any provision of law that determines or grants surface water rights.

Section 4.04 – Preservation of Police Powers.

Nothing set forth in this Agreement shall be deemed to modify or otherwise limit a county's or city's police powers in any way or its authority to regulate groundwater under existing law or any amendment thereto. The adopted GSP shall not authorize any water supply augmentation to the Basin with groundwater extracted from another groundwater basin within the jurisdiction of a General Member without the express approval of the Primary Director representing that General Member.

Article V: Membership

Section 5.01 – General Members.

The General Members of the Authority shall be the public agencies listed on the attached Exhibit "A", so long as their Membership has not been withdrawn or terminated pursuant to the provisions Article XI of this Agreement.

Section 5.02 – New General Members.

The Board may approve an application for a new General Member to the Authority through a vote of the Board so long as: 1) the new General Member is a public agency that is qualified to join the Authority under the provisions of SGMA and the Act; and, 2) the new General Member agrees to or has met any other conditions that the Board may establish from time to time.

Once an application is approved by the Board of Directors, the governing bodies for each of the General Members shall be sent the application for consideration and possible approval. For a new General Member to be admitted, the application must be approved by each of the governing bodies for the General Members. Upon final approval, the attached Exhibit "A" shall be amended to reflect the new General Member.

Section 5.03 – Associate Members.

The Associate Members of the Authority shall be those Federal Governmental Entities listed on the attached Exhibit "B" so long as their Membership has not been withdrawn or terminated pursuant to the provisions Article XI of this Agreement. Associate Members shall be afforded a representative non-voting seat on the Authority's Board of Directors which will entitle the representative to full participation in the meetings and discussions of the Board. However, representatives of Associate Members shall not be Directors, nor shall they become officers of the Authority and they shall not have the power to vote on any action and or proposal before the Board of Directors.

Article VI: Directors and Officers

Section 6.01 – Board of Directors.

The Authority shall be governed and administered by a Board of Directors ("Board") which is hereby established and which shall be composed of one voting seat per General Member. To the extent permitted by law and/or federal rules and regulations as they may be amended, Associate Members shall not be allowed to vote on any matter before the Board but they shall be afforded a representative non-voting seat on the Board, which will entitle them to full participation in the meetings and discussions of the Board and any Committees established by the Board.

Section 6.02 – Directors and Alternates.

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

Section 6.03 – Officers of the Board.

Officers of the Authority's Board shall consist of a Chairperson and Vice-Chairperson. The Chairperson shall preside at all meetings of the Board, while the Vice-Chairperson shall perform the duties of the Chairperson in the absence or disability of the Chairperson. The Chairperson and Vice-Chairperson shall exercise and perform such other powers and duties as may be assigned by the Board.

Section 6.04 – Appointment of Officers of the Board.

The Board shall annually elect the Officers of the Board from the Primary Directors. Officers of the Board shall hold office for a term of one year commencing on January 1 of each and every calendar year and they may serve for multiple consecutive terms. Officers of the Board may be removed and replaced at any time, with or without cause by a Board vote. In the event that an Officer of the Board loses their position as a Primary Director, that Officer of the Board position shall become vacant and Board shall elect a new individual to serve the remaining term.

Article VII: Board Meetings and Actions

Section 7.01 – Initial Meeting.

The initial meeting of the Board shall be held at a location overlying the Basin within forty five days (45) days of the Effective Date of this Agreement.

Section 7.02 – Regular Meeting Schedule.

The Board shall establish a regular meeting time and place at the initial meeting of the Board. The Board may vote to change the regular meeting time and place provided that the new location remains at a place overlying the Basin.

Section 7.03 – Special Meetings.

Special meetings of the Board shall be conducted pursuant to California Government Code section 54956 and they may be called by the Chairperson, or by the concurrence of any two Primary Directors.

Section 7.04 – Committees of the Board.

The Board may from time to time establish advisory committees for the purpose of making recommendations to the Board on the various activities of the Authority. The establishment of any committee and its duties shall require the vote of the Board of Directors and the activities of the committee shall be subject to the provisions of the Ralph M. Brown Act (California Government Code sections 54950, *et seq.*). Committees shall exist for the term specified in the action creating the committee and the Board may dissolve a committee at any time through a vote of the Board of Directors.

The Board shall ensure that the development of the GSP includes the meaningful participation of all water users in the Basin including but not limited to the General Members, Associate Members, regulated public water utilities, mutual water companies and other private well pumpers. The Board shall ensure this meaningful participation through the establishment of one or more committees which will contain members from the above groups so long as their participation does not violate the State ethics and conflict of interest laws, including California Government Code sections 1090 *et seq.*, or any other law.

Section 7.05 – Conduct of Board and Committees of the Board Meetings.

All meetings of the Board of Directors, including special meetings and Board committee meetings, shall be noticed, held, and conducted in accordance with the provisions of the Ralph M. Brown Act (California Government Code sections 54950, *et seq.*). The Board may use teleconferencing in connection with any meeting in conformance with, and to the extent authorized by, applicable law. The Board may further establish rules of conduct for its meetings provided that said rules do not conflict with the Ralph M. Brown Act or other applicable law.

All meetings of Committees of the Board that are formed in accordance with Section 7.04 shall be noticed, held, and conducted in accordance with the provisions of the Ralph M. Brown Act (California Government Code sections 54950, *et seq.*). A Committee may use teleconferencing in connection with any meeting in conformance with, and to the extent authorized by, applicable law. The Board may further establish rules of conduct for Committees of the Board meetings provided that said rules do not conflict with the Ralph M. Brown Act or other applicable law.

Section 7.06 – Quorum.

A quorum of the Board shall consist of majority of the Directors representing the then active General Members. In the absence of a quorum, no business may be transacted beyond the adjournment of a meeting by the remaining Directors. A Director shall be deemed present for the determination of a quorum if the Director is present at the meeting in person or if they participate in the meeting telephonically as provided for by Ralph M. Brown Act.

Section 7.07 – Voting.

The affirmative vote of a majority of the Board shall be required for the approval of any Board action. In addition, no action may be approved by the Board unless it receives the affirmative vote from no less than two of the then voting Directors representing the County of Kern, the City of Ridgecrest and/or the Indian Wells Valley Water District.

Notwithstanding the foregoing, the Board may approve the Regular Monthly Receivables by a simple majority vote so long as the routine costs and bills making up the Regular Monthly Receivables have not been objected to by any Director. While a Director may voice an oral objection at the meeting, a Director's presence is not required and they may also file an objection in writing prior to the meeting. Likewise, any meeting of the Board may be adjourned by a simple majority vote of the then present Directors.

Section 7.08 – GSP Adoption, Modification, or Alteration.

The final adoption of a GSP and the modification and/or alteration of any adopted GSP shall require the affirmative vote of at least 4/5ths of the General Members on the Board, unless a General Member's Director abstains or recuses himself or herself from the matter. In the event a General Member's Director abstains or recuses himself or herself, the voting requirement shall become 3/4ths. In the event that two General Member Directors abstain and/or recuse themselves, the voting requirement shall become 2/3rds.

Section 7.09 – Minutes.

The Board shall cause minutes to be kept of all public meetings of the Board and any Board appointed Committees. The Board shall further cause a copy of draft minutes to be forwarded to each Director and to each General Member Agency.

Article VIII: Operations and Management

Section 8.01 – Administrator.

The Authority may appoint an Administrator, from time-to-time as and when it deems appropriate. If appointed, the Administrator shall serve at the pleasure of the Board of Directors and their duties and responsibilities shall be set forth via a vote of the Board.

Section 8.02 – Legal Counsel and Other Officers.

The Authority may appoint General Legal Counsel who shall serve at the pleasure of the Board via a vote of the Board. Subject to the limits of the Authority's approved budget, the Board shall also have the power to appoint and contract via a vote of the Board for the services of other officers, consultants, advisers and independent contractors as it may deem necessary or convenient for the business of the Authority, all of whom shall serve at the pleasure of the Board.

Section 8.03 – Employees and Management.

In addition to, or in lieu of, hiring employees, the Authority may engage one or more General Members to manage any or all of the business of the Authority on terms and conditions acceptable to the Board of Directors. Any General Member so engaged shall have such responsibilities as are set forth in the contract for such General Member's services, which shall be approved by a majority vote of the Directors representing the non-contracting Members.

Section 8.04 – Principal Office.

At the initial meeting of Board, the Board shall establish a principal office for the Authority, which shall be located at a place overlying the Basin. The Board may change the principal office from time to time as the Board sees fit so long as that principal office remains at a location overlying the Basin.

Section 8.05 – Bylaws.

The Board shall adopt Bylaws governing the conduct of meetings and the day-to-day operations of the Authority on or before the first anniversary of the Effective Date. The Bylaws may be amended from time to time as the Board deems necessary.

Section 8.06 – Official Seal and Letterhead.

The Board may adopt, and/or amend, an official seal and letterhead for the Authority by a vote of the Directors.

Section 8.07 – Conflict of Interest Code.

At the initial meeting of Board, the Board shall begin the process for the adoption and filing of a Conflict of Interest Code pursuant to the provisions of the Political Reform Act of 1974.

Article IX: Financial Provisions

Section 9.01 – Establishment of Funds.

The Board shall establish and maintain such funds and accounts as may be required by generally accepted public agency accounting practices. The Authority shall maintain strict accountability of all funds and report of all receipts and disbursements of the Authority.

Section 9.02 – Initial Funding Payments.

In order to provide the needed capital to initially fund the Authority, the General Members shall each provide an initial contribution of \$15,000 due upon their execution of this Agreement. To the extent the Authority is able to secure other funding sources in the future, and to the extent permitted by law, the Authority shall reimburse the initial contributions on a proportionate basis.

Notwithstanding the equal amount of initial funds contributed by each of the General Members, the parties intend for future funding contributions to be allocated on a fair, proportional basis (e.g., irrigated acreage, groundwater pumping, population, and/or number of wells).

Section 9.03 – Fiscal Year.

The Fiscal Year of the Authority shall be from January 1 through December 31 of each year. If the Board so desires, it may change the Fiscal Year.

Section 9.04 – Fiscal Agent and Treasurer.

The County of Kern shall serve as the Fiscal Agent and Treasurer for the Authority unless otherwise directed by a vote of the Board of Directors. The Fiscal Agent shall be responsible for all money of the Authority from whatever source. All funds of the Authority shall be strictly and separately accounted for and regular reports shall be rendered of all receipts

and disbursements during the Fiscal Year as designated by the Board. The books and records of the Authority shall be open to inspection by the General Members.

Section 9.05 – Funds; Property; Bonds.

The Board shall from time to time designate the officers and persons, in addition to those specified in Section 9.04 above, who shall have charge of, handle, or have access to any funds and/or property of the Authority. Each such officer and person shall file a bond in an amount designated by the Board.

Section 9.06 – Audit Duties.

The Board shall contract with a certified public accountant to audit the accounts and records of the Authority as required by applicable accounting practices and the Act.

Section 9.07 – Budget.

By a date no later than January 1, 2017, and sixty (60) days before the end of each Fiscal Year thereafter, the Board shall adopt a budget for the Authority for the ensuing Fiscal Year. The Board may authorize mid-year budget adjustments, as needed.

Notwithstanding Section 11.04, a General Member shall not be fiscally liable for any adopted or modified budget or budget item(s) provided that the General Member's Director provides written notice within fourteen (14) days of the adoption or modification of the budget or a budget item that the Director intends to recommend to their board that the General Member withdraw from this Agreement. The notice provided in this section shall serve to limit the General Member's fiscal liability for the contested budget or budget item(s) so long as the General Member's board formally votes to withdraw from this Agreement within sixty (60) days of the adoption or modification of the budget or budget item(s).

Section 9.08 – Payments To The Authority.

(a) All fees, costs and expenses incurred by the Authority shall be funded from: (i) voluntary contributions from third parties, such as grants; (ii) assessments on the General Members, levied from time to time by the Board to carry out the activities of the Authority generally applicable to all Members; and, (iii) assessments, fees and/or charges levied by the Authority under the provisions of SGMA.

(b) No General Member shall be bound, financially or otherwise, by any obligation, contract or activity undertaken by the Authority unless and except to the extent agreed upon by the General Member, except that each General Member shall be obligated to fund its then current annual share of the general basic budget of the Authority, provided such budgets are otherwise approved as provided herein. Funding of other matters shall be through Special Activity agreements or as otherwise agreed to by the General and Associate Members.

(c) The Associate Members cannot contribute direct funding to the Authority however they will assist in project development technical support, and information sharing including field studies/data, as appropriate.

Article X: Special Activities

Section 10.01 – Special Activities.

With the prior approval of the Board, General Members may undertake Special Activities in the name of the Authority. Prior to undertaking a Special Activity, the General Members electing to participate in the Special Activity shall enter into an activity agreement. Such activity agreement shall provide that: (i) no Special Activity undertaken pursuant to such agreement shall conflict with the terms of this Agreement; and, (ii) the General Members to the activity agreement shall indemnify, defend and hold the other parties to this Agreement and the Authority harmless from and against any liabilities, costs or expenses of any kind arising as a result of the Special Activity described in the activity agreement. All assets, rights, benefits, debts, liabilities and obligations attributable to a Special Activity shall be assets, rights, benefits, debts, liabilities and obligations solely of the General Members that have entered into the activity agreement for that Special Activity, in accordance with the terms of the activity agreement, and shall not be the assets, rights, benefits, debts, liabilities and obligations of those General and Associate Members that have not executed the activity agreement. General and Associate Members not electing to participate in the Special Activity shall have no rights, benefits, debts, liabilities or obligations attributable to such Special Activity.

Article XI: Relationship of Authority And Its Members

Section 11.01 – Separate Entity.

In accordance with California Government Code Sections 6506 and 6507, the Authority shall be a public entity separate and apart from the parties to this Agreement.

Section 11.02 – Liabilities.

The General Members do not intend hereby to be obligated either jointly or severally for the debts, liabilities or obligations of the Authority, except as may be specifically provided for in California Government Code Section 895.2 as amended or supplemented. Therefore unless, and to the extent otherwise required by law or agreed to herein by the General Members, the debts, liabilities and obligations of the Authority shall not be debts, liabilities or obligations of the General Member entities. The Authority shall own and hold title to all funds, property and works acquired by it during the term of this Agreement.

Section 11.03 – Indemnity.

Funds of the Authority may be used to defend, indemnify, and hold harmless the Authority, each General Member, each Director, and any officers, agents and employees of the Authority for their actions taken within the course and scope of their duties while acting on behalf of the Authority. Other than for gross negligence or intentional acts, to the fullest extent permitted by law, the Authority agrees to save, indemnify, defend and hold harmless each General Member from any liability, claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses or costs of any kind, whether actual, alleged or threatened, including attorney's fees and costs, court costs, interest, defense costs, and expert witness fees, where the same arise out of, or are attributable in whole or in part, to

negligent acts or omissions of the Authority or its employees, officers or agents or the employees, officers or agents of any General Member, while acting within the course and scope of a General Member relationship with the Authority.

Section 11.04 – Withdrawal of Members.

Any General and/or Associate Member shall the have the ability to withdraw by providing forty-five (45) days written notice of its intention to withdraw. Said notice shall be given to the Board and to each of the other General and Associate Members. In the event of a withdrawal, this Agreement shall continue in full force and effect among the remaining members as set forth in Section 11.06 below.

Section 11.05 – Termination of Members.

The Board may vote to terminate any Member for cause including, but not limited to, the failure to meet its funding obligations set forth in this Agreement or future actions of the Board. In the event of a termination, this Agreement shall continue in full force and effect among the remaining members as set forth in Section 11.06 below.

Section 11.06 – Continuing Obligations upon Withdrawal or Termination.

Except as provided for in Section 9.07, any withdrawal or termination of a General Member, shall not relieve the General Member of its financial obligations (including, but not limited to, indemnity obligations, capital costs, debt obligations, CalPERS unfunded Liability, or any net operations and maintenance costs resulting from such withdrawal) arising under this Agreement prior to the effective date of the withdrawal or termination.

The withdrawal or termination of one or more General Members, shall not terminate this Agreement or result in the dissolution of the Authority. This Agreement shall remain in full force and effect among the remaining members, following the withdrawal or termination of any General Member, and the Authority shall remain in operation provided that there are at least two General Members remaining in this Agreement.

Section 11.07 – Dissolution.

The Authority may be dissolved at any time upon the unanimous vote of the Board and approval of the General Members' governing boards. However, the Authority shall not be dissolved until all debts and liabilities of the Authority have been eliminated. Upon dissolution of the Authority, each General Member shall receive its proportionate share of any remaining assets after all Authority liabilities and obligations have been paid in full. The distribution of remaining assets may be made "in kind" or assets may be sold and the proceeds thereof distributed to the General Members. This distribution shall occur within a reasonable time after dissolution. No former member which previously withdrew or was terminated shall be entitled to a distribution upon dissolution.

Section 11.08 – Disposition of Property Upon Termination of Authority or Board Determination of Surplus.

Upon termination of this Agreement or upon determination by the Board that any surplus money is on hand, such surplus money shall be returned to the then General Members of the Authority that contributed such monies in proportion to their contributions. The Board shall first offer any surplus properties, works, rights and interests of the Authority for sale to the individual General Member and the sale shall be based on highest bid. If no such sale is consummated, the Board shall offer the surplus properties, works, rights and interests of the Authority for sale in accordance with applicable law to any governmental agency, private entity or persons for good and adequate consideration.

Article XII: Miscellaneous Provisions

Section 12.01 – Agreement Complete.

The foregoing constitutes the full and complete Agreement of the General Members. This Agreement supersedes all prior agreements and understandings, whether in writing or oral, related to the subject matter of this Agreement that are not set forth in writing herein.

Section 12.02 – Amendment.

This Agreement may be amended from time to time by the unanimous consent of the General Members, acting through their governing bodies.

Section 12.03 – Assignment.

Except as otherwise provided in this Agreement, the rights and duties of the General Members may not be assigned or delegated without the advance written consent of all the other General Members, and any attempt to assign or delegate such rights or duties in contravention of this section shall be null and void. Any assignment or delegation permitted under the terms of this Agreement shall be consistent with the terms of any contracts, resolutions or indentures of the Authority then in effect. This Agreement shall inure to the benefit of and be binding upon the successors and assigns of the General Members hereto. This section does not prohibit a General Member from entering into an independent agreement with another agency regarding the financing of that General Member's contributions to the Authority or the disposition of proceeds, which that General Member receives under this Agreement so long as such independent agreement does not affect, or purport to affect, the rights and duties of the Authority or the General Members under this Agreement.

Section 12.04 – Dispute Resolution.

In the event there are disputes and/or controversies relating to the interpretation, construction, performance, termination, breach of, or withdrawal from this Agreement, the General Members involved shall in good faith meet and confer amongst themselves in an attempt to informally resolve such matter(s). If the General Members are unsuccessful in resolving such matter(s) through an informal meeting process, they shall attempt to resolve such matter(s) through mediation. If they are unable to resolve such matter(s) through mediation, they may

attempt to settle such issue(s) by arbitration under the rules and regulations of the American Arbitration Association or they may exercise whatever other legal rights and remedies they may have in court. Any party requesting arbitration under this Agreement must make a request on the other General Members by registered or certified mail with a copy to the American Arbitration Association.

Section 12.05 – Execution In Parts Or Counterparts.

This Agreement may be executed in parts or counterparts, each part or counterpart being an exact duplicate of all other parts or counterparts, and all parts or counterparts shall be considered as constituting one complete original and may be attached together when executed by the General Members hereto. Facsimile or electronic signatures shall be binding.

Section 12.06 – Member Authorization.

The governing bodies of the General Members have each authorized execution of this Agreement, as evidenced by their respective signatures below.

Section 12.07 – No Predetermination or Irretrievable Commitment of Resources.

Nothing herein shall constitute a determination by the Authority or any of its General and Associate Members that any action shall be undertaken or that any unconditional or irretrievable commitment of resources shall be made, until such time as the required compliance with all local, state, or federal laws, including without limitation the California Environmental Quality Act, National Environmental Policy Act, or permit requirements, as applicable, have been completed.

Section 12.08 – Notices.

Notices authorized or required to be given pursuant to this Agreement shall be in writing and shall be deemed to have been given when mailed, postage prepaid, or delivered during working hours to the addresses set forth for each of the Members hereto on Exhibit "A" of this Agreement, or to such other changed addresses communicated to the Authority and the General and Associate Members in writing.

Section 12.09 – Severability And Validity Of Agreement.

Should the participation of any General and/or Associate Member to this Agreement, or any part, term or provision of this Agreement be decided by the courts or the legislature to be illegal, in excess of that Member's authority, in conflict with any law of the State of California, or otherwise rendered unenforceable or ineffectual, the validity of the remaining portions, terms or provisions of this Agreement shall not be affected thereby and each Member hereby agrees it would have entered into this Agreement upon the same remaining terms as provided herein.

Section 12.10 – Singular Includes Plural.

Whenever used in this Agreement, the singular form of any term includes the plural form and the plural form includes the singular form.

IN WITNESS WHEREOF, the Members hereto, pursuant to resolutions duly and regularly adopted by their respective Board of Directors or governing board, have caused their names to be affixed by their proper and respective officers as of the day and year first above-written.

CITY OF RIDGECREST

By: _____
Peggy Breeden, Mayor

APPROVED AS TO FORM:

By: _____
City Attorney

ATTEST:

By: _____
Secretary

COUNTY OF INYO

APPROVED AS TO FORM:

By: _____
Jeff Griffiths, Chairman
County of Inyo Board of Supervisors

By: _____
Marshall Rudolph, County Counsel

COUNTY OF KERN

By: _____
Mick Gleason, Chairman
County of Kern Board of Supervisors

APPROVED AS TO FORM:
OFFICE OF COUNTY COUNSEL

By: _____
Philip Hall, Deputy County Counsel

APPROVED AND RECOMMENDED:
COUNTY ADMINISTRATIVE OFFICE

By: _____
Alan Christensen, Chief Deputy
CAO for Water Resources

COUNTY OF SAN BERNARDINO

By: James Ramos
James Ramos, Chairman
County of San Bernardino Board of Supervisors

SIGNED AND CERTIFIED THAT A COPY OF
THIS DOCUMENT HAS BEEN DELIVERED
TO THE CHAIRMAN OF THE BOARD
LAURA H. WELCH
Clerk of the Board of Supervisors
of the County of San Bernardino

By: Laura H. Welch
Laura H. Welch, Clerk of the Board
SAN BERNARDINO COUNTY

APPROVED AS TO FORM:
OFFICE OF COUNTY COUNSEL

By: Sophie Akins
Sophie Akins, Deputy County Counsel

**INDIAN WELLS VALLEY
WATER DISTRICT**

By: _____
Don Cortichiato, President of the Board
of Directors

APPROVED AS TO FORM:

By: _____
James A. Worth, General Counsel

EXHIBIT A

GENERAL MEMBERS

City of Ridgecrest

City Clerk
100 W. California Avenue
Ridgecrest, CA 93555

County of Inyo

Clerk of the Board of Supervisors
P.O. Drawer N
Independence, CA 93526

County of Kern

Clerk of the Board of Supervisors,
Administrative Center
1115 Truxtun Avenue, 5th Floor
Bakersfield CA 93301

County of San Bernardino

Clerk of the Board of Supervisors
385 N. Arrowhead Ave, 2nd Floor
San Bernardino, CA 92415-0130

Indian Wells Valley Water District

General Manager
500 W. Ridgecrest Boulevard
Ridgecrest, CA 93555

EXHIBIT B

ASSOCIATE MEMBERS

**United States Department of the Interior
Bureau of Land Management**

**United States Navy
Naval Air Weapons Station China Lake**

Exhibit “C”

PROOF OF PUBLICATION

The BAKERSFIELD CALIFORNIAN
P.O. BOX 440
BAKERSFIELD, CA 93302

Ad Number: 14263705 PO #:
Edition: 1TBC Run Times 2
Class Code Legal Notices
Start Date 11/24/2016 Stop Date 12/1/2016
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Billing CLERK OF BOARD OF SUPERVISOR
Address 1115 TRUXTUN AVE 5TH FL
BAKERSFIELD,CA 93301

CLERK OF BOARD OF SUPERVISORS
1115 TRUXTUN AVE 5TH FL
BAKERSFIELD, CA 93301

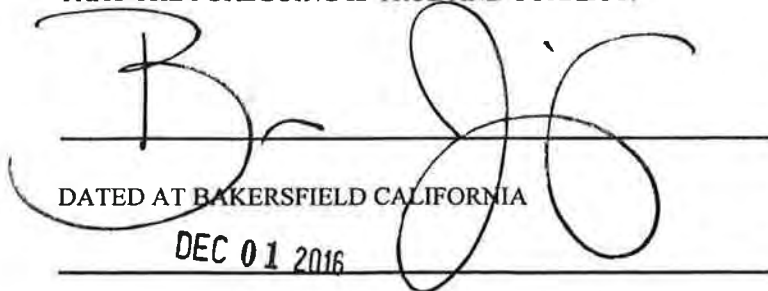
STATE OF CALIFORNIA
COUNTY OF KERN

I AM A CITIZEN OF THE UNITED STATES AND A RESIDENT OF THE COUNTY AFORESAID; I AM OVER THE AGE OF EIGHTEEN YEARS, AND NOT A PARTY TO OR INTERESTED IN THE ABOVE ENTITLED MATTER. I AM THE ASSISTANT PRINCIPAL CLERK OF THE PRINTER OF THE BAKERSFIELD CALIFORNIAN, A NEWSPAPER OF GENERAL CIRCULATION, PRINTED AND PUBLISHED DAILY IN THE CITY OF BAKERSFIELD COUNTY OF KERN,

AND WHICH NEWSPAPER HAS BEEN ADJUDGED A NEWSPAPER OF GENERAL CIRCULATION BY THE SUPERIOR COURT OF THE COUNTY OF KERN, STATE OF CALIFORNIA, UNDER DATE OF FEBRUARY 5, 1952, CASE NUMBER 57610; THAT THE NOTICE, OF WHICH THE ANNEXED IS A PRINTED COPY, HAS BEEN PUBLISHED IN EACH REGULAR AND ENTIRE ISSUE OF SAID NEWSPAPER AND NOT IN ANY SUPPLEMENT THEREOF ON THE FOLLOWING DATES, TO WIT: 11/24/16 12/1/16

ALL IN YEAR 2016

I CERTIFY (OR DECLARE) UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.


DATED AT BAKERSFIELD CALIFORNIA
DEC 01 2016

Solicitor I.D.: 0

First Text
NOTICE OF PUBLIC HEARING ON THE INDIAN W

Ad Number 14263705

NOTICE OF PUBLIC HEARING ON THE INDIAN WELLS VALLEY GROUNDWATER AUTHORITY'S ELECTION TO BECOME A GROUNDWATER SUSTAINABILITY AGENCY
NOTICE IS HEREBY GIVEN that pursuant to California Water Code section 10723(b), the Board of the Indian Wells Valley Groundwater Authority shall hold a public hearing on December 8, 2016, at 10:00 a.m. at three locations: 1) Ridgecrest City Council Chambers located at 100 California Avenue, Ridgecrest, California 93555; 2) Multi-Purpose Conference Room High Desert Government Center, 15900 Smoke Tree Street, 2nd Floor Hesperia, CA 92345; and 3) Inyo County Water Department Conference Room, 135 South Jackson Street, Independence, CA 93526. The Board will consider and determine at the public hearing whether the Authority shall file to become a Groundwater Sustainability Agency pursuant to the Sustainable Groundwater Management Act for the Indian Wells Valley Groundwater Basin. Written comments may be submitted prior to the hearing by mail or hand delivery to Lauren Duffy, Indian Wells Valley Water District at 500 Ridgecrest Blvd, Ridgecrest, California 93555. The Board shall also consider oral and written comments received during the hearing but the presiding officer may limit oral comments to a reasonable length.
November 24, December 1, 2016
14263705

16 DEC 12 PM 2:02

FILED
THE
BY

OF
COUNTY
CLERK

SUPERIOR COURT OF THE STATE OF CALIFORNIA
FOR THE COUNTY OF KERN

Notice of
Public Hearing
Groundwater

Case Number _____

DECLARATION
OF PUBLICATION
(2015.5 C.C.P.)

State of California, County of Kern, ss:

Declarant says:

That at all times, herein mentioned declarant is and was a citizen of the United States, over the age of twenty-one years, and not a party to nor interested in the within matter; that declarant is the principal clerk of the printer and the publisher of THE DAILY INDEPENDENT, a newspaper of general circulation printed and published daily in the City of Ridgecrest, Indian Wells Judicial District, County of Kern, State of California, which newspaper has been adjudged a newspaper of general circulation by the said Superior Court by order made and renewed July 8, 1952, in Civil Proceeding No. 58584 of said Court: that the instrument of which the annexed in a printed copy has been published in each regular and like issue of said newspaper (and not any supplement thereof) on the following dates, to-wit:

11-29-16

12-6-16

I declare under penalty of perjury that the foregoing is true and correct.

EXECUTED ON December 6, 2016, at
Ridgecrest California.

Declarant [Signature]

NOTICE OF PUBLIC HEARING ON THE INDIAN WELLS VALLEY GROUNDWATER AUTHORITY'S ELECTION TO BECOME A GROUNDWATER SUSTAINABILITY AGENCY

NOTICE IS HEREBY GIVEN that pursuant to California Water Code section 10723(b), the Board

of the Indian Wells Valley Groundwater Authority shall hold a public hearing on December 8, 2016, at 10:00 a.m. at three locations: 1) Ridgecrest City Council Chambers located at 100 California Avenue, Ridgecrest, California 93555; 2) Multi-Purpose Conference Room High Desert Government Center, 15900 Smoke Tree Street, 2nd Floor Hesperia, CA 92345; and 3) Inyo County Water Department Conference Room, 135 South Jackson Street, Independence, CA 93526. The Board will consider and determine at the public hearing whether the Authority shall file to become a Groundwater Sustainability Agency pursuant to the Sustainable Groundwater Management Act for the Indian Wells Valley Groundwater Basin. Written comments may be submitted prior to the hearing by mail or hand delivery to Lauren Duffy, Indian Wells Valley Water District at 500 Ridgecrest Blvd, Ridgecrest, California 93555. The Board shall also consider oral and written comments received during the hearing but the presiding officer may limit oral comments to a reasonable length.

(11/29, 12/06/2016)

PROOF OF PUBLICATION

(2015.5 C.C.P.)

**STATE OF CALIFORNIA,
County of San Bernardino**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the publisher of the DAILY PRESS, a newspaper of general circulation, published in the City of Victorville, County of San Bernardino, and which newspaper has been adjudicated a newspaper of general circulation by the Superior Court of the County of San Bernardino, State of California, under the date of November 21, 1938, Case number 43096, that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

November 23 and 30

All in the year 2016.

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated this: 30th day of November, 2016.



Signature

Leslie Jacobs



This space is the County Clerk's Filing Stamp

**Proof of Publication of
NOTICE OF PUBLIC
HEARING**

**NOTICE OF PUBLIC
HEARING ON THE
INDIAN WELLS
VALLEY
GROUNDWATER
AUTHORITY'S
ELECTION TO BECOME
A GROUNDWATER
SUSTAINABILITY
AGENCY**

NOTICE IS HEREBY GIVEN that pursuant to California Water Code section 10723(b), the Board of the Indian Wells Valley Groundwater Authority shall hold a public hearing on December 8, 2016, at 10:00 a.m. in the Ridgcrest City Council Chambers located 100 California Avenue, Ridgcrest, California 92555 to consider and determine whether the Authority shall file to become a Groundwater Sustainability Agency pursuant to the Sustainable Groundwater Management Act for the Indian Wells Valley Groundwater Basin. Written comments may be submitted prior to the hearing by mail or hand delivery to Lauren Duffy, Indian Wells Valley Water District at 500 Ridgcrest Blvd, Ridgcrest, California 92555. The Board shall also consider oral and written comments received during the hearing but the presiding officer may limit oral comments to a reasonable length. Members of the public in San Bernardino County wishing to listen to the public hearing and/or submit oral comment by telephone may do so at the following location: Jerry Lewis High Desert Government Center, 15900 Smoke Tree Street, 2nd Floor, Multi-Purpose Conference Room No. 221, Hesperia, California 92345.

Dated: November 23, 2016
LAURA H. WELCH
Clerk of the
Board of Supervisors
County of San Bernardino,
State of California
11/23, 11/30/16
CNS-2948408H
DAILY PRESS

Published in the
Daily Press
November 23, 30, 2016
(w,01)

PROOF OF PUBLICATION

(2015.5 C.C.P.)

STATE OF CALIFORNIA,
COUNTY OF INYO

I am a citizen of the United States and a resident of the County aforesaid. I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of the
The Inyo Register

This space is for County Clerk's Filing Stamp

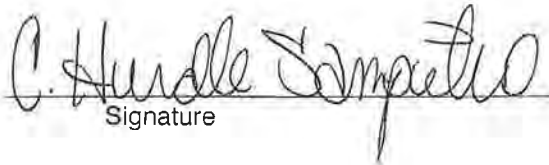
County of Inyo

The Inyo Register has been adjudged a newspaper of general circulation by the Superior Court of the County of Inyo, State of California, under date of Oct. 5, 1953, Case Number 5414; that the notice, of which the annexed is a printed copy (set in type not smaller than non-pareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof, on the

NOVEMBER 24 AND DECEMBER 1

in the year **2016**

I certify (or declare) under penalty of perjury
14TH Day of **DECEMBER, 2016**


Signature

Proof of Publication of Public Notice

NOTICE OF PUBLIC HEARING
ON THE INDIAN WELLS VALLEY
GROUNDWATER AUTHORITY'S
ELECTION TO BECOME A
GROUNDWATER SUSTAINABIL-
ITY AGENCY

NOTICE IS HEREBY GIVEN that pursuant to California Water Code section 10723(b), the Board of the Indian Wells Valley Groundwater Authority shall hold a public hearing on December 8, 2016, at 10:00 a.m. at three locations: 1) Ridgecrest City Council Chambers located at 100 California Avenue, Ridgecrest, California 93555; 2) Multi-Purpose Conference Room High Desert Government Center, 15900 Smoke Tree Street, 2nd Floor Hesperia, CA 92345; and 3) Inyo County Water Department Conference Room, 135 South Jackson Street, Independence, CA 93526. The Board will consider and determine at the public hearing whether the Authority shall file to become a Groundwater Sustainability Agency pursuant to the Sustainable Groundwater Management Act for the Indian Wells Valley Groundwater Basin. Written comments may be submitted prior to the hearing by mail or hand delivery to Lauren Duffy, Indian Wells Valley Water District at 500 Ridgecrest Blvd, Ridgecrest, California 93555. The Board shall also consider oral and written comments received during the hearing but the presiding officer may limit oral comments to a reasonable length. (IR 11/24, 12/1/16, #12640)

Exhibit “D”

BEFORE THE BOARD OF DIRECTORS INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

In the matter of:

Resolution No. 02-16

RESOLUTION ELECTING TO BECOME A GROUNDWATER SUSTAINABILITY AGENCY FOR THE ENTIRETY OF THE INDIAN WELLS VALLEY GROUNDWATER BASIN.

I, Lauren Duffy, Clerk of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following resolution, on motion of Director Brown , seconded by Director Breeden, was duly passed and adopted by the Board of Directors at an official meeting this 8th day of December, 2016, by the following vote:

AYES: Peggy Breeden, Peter Brown, Mick Gleason, Matt Kingsley, BobPage

NOES: None.

ABSENT: None.



Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

RESOLUTION

Section 1. WHEREAS:

(a) The comprehensive groundwater legislation referred to as the "Sustainable Groundwater Management Act" (SGMA) was signed into law on September 16, 2014 with an effective date of January 1, 2015, and codified at California Water Code sections 10720 *et seq.*; 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 subbasins, 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) SGMA further provides for and anticipates that eligible local agencies overlying basins that are designated by California Department of Water Resources (DWR) as "high or medium priority" will form Groundwater Sustainable Agencies ("GSAs") for the purpose of achieving groundwater sustainability through the adoption and implementation of Groundwater Sustainability Plans ("GSPs"); and

(d) Water Code section 10723(a) authorizes local agencies with water supply, water management or local land use responsibilities, or a combination of those local agencies, overlying a groundwater basin to elect to become a GSA; and

(e) Water Code section 10735.2(a) provides that the State Board may designate the Basin as probationary if any portion of the Basin is not covered by a GSA before June 30, 2017; and

(f) The general members of the Indian Wells Valley Groundwater Authority (all of which fall within the SGMA definition of a GSA eligible agency) formed the Authority for, and with, the express purpose of forming a GSA for the entirety of the adjudicated groundwater basin known as Indian Wells Valley Groundwater Basin (Basin); and

(g) The combined political boundaries of the general members overly the entirety of the Basin, which is designated in DWR Bulletin 118 as Basin No. 6-54 and which is included on the list of critically overdrafted basins; and

(h) Staff has reviewed this matter and determined that this matter is exempt from further CEQA review pursuant CEQA Guideline section 15061(b)(3) because it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment and CEQA Guideline section 15378(b)(5) because the matter is an organizational activity that will not result in a direct or indirect physical change in the environment; and

(i) As required by Water Code section 10723(b), the notice of public hearing to consider this election to become a GSA for the Basin was published pursuant to Government Code section 6066 in The Bakersfield Californian, The Inyo Register, and The Daily Press; and

(j) On December 8, 2016, the Board of Directors properly held the noticed public hearing required by Water Code section 10723(b) at 10:00 a.m. in the City Council Chambers for the City of Ridgecrest, 100 West California Avenue, Ridgecrest, CA 93555; and the Inyo County Water Department Conference Room, 135 Jackson Street, Independence, CA, 93526; and Jerry Lewis High Desert Government Center, 15900 Smoke Tree Street, 2nd Floor, Multi-Purpose Conference Room No. 221, Hesperia, California 92345.

Section 2. IT IS RESOLVED by the Board of Indian Wells Valley Groundwater Authority,

State of California, 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. This Board incorporates and makes all the findings recommended by staff, whether verbally or in their written reports.
3. This Board finds and determines that the applicable provisions of the California Environmental Quality Act of 1970 ("CEQA"), the State CEQA Guidelines, and the Kern County Guidelines have been observed in conjunction with the hearing and the considerations of this matter and it is exempt from further CEQA review pursuant Sections 15061(b)(3) and 15378(b)(5).
4. This Board hereby elects to form a GSA for the entirety of the Basin.
5. As required by Water Code section 10723.2, the Authority shall consider the interests of all beneficial uses and users of groundwater in the Basin.
6. As required by Water Code section 10723.4, the Authority shall establish and maintain a list of all persons and entities interested in receiving notices regarding the GSP preparation, meetings, announcements, and the availability of draft plans, maps and other relevant documents.
7. Counsel is directed to ensure that the notice of GSA formation, and all required supporting documentation, is submitted to California Department of Water Resources as soon as possible and within the legally mandated 30 days.
8. The Clerk of this Board shall cause a Notice of Exemption to be filed with the County Clerks in Kern County, San Bernardino County and Inyo County.

Exhibit “E”

EXHIBIT E

Antelope Valley-East Kern Water Agency
City of Ridgecrest
County of Kern
County of Inyo
County of San Bernardino
Indian Wells Valley Water District
Inyokern Community Services District
Kern County Water Agency
Mojave Water Agency
Rand Communities Water District

Exhibit “F”

EXHIBIT F

a. Holders of Overlying Groundwater Rights, including:

1. Agricultural Users.

- Various Landowners

The Authority is committed to considering the interests of all users in the Basin, including agricultural users, during the GSP development in an open and transparent process, including active and open public discussions. In accordance with that commitment, the Authority will be preparing, maintaining, and updating as necessary, a list, with contact information, of all lands zoned for agricultural use in the Basin.

2. Domestic Well Owners.

- Various Landowners

The Authority is committed to considering the interests of all domestic well owners in the Basin during the GSP development process in an open and transparent process, including active and open public discussions. In accordance with that commitment, the Authority will be preparing, maintaining, and updating as necessary, a list, with contact information, of all domestic well owners in the Management Area.

Additionally, the Authority recognizes that well owners that extract less than two acre feet per year for domestic purposes are considered to be “de minimis extractors” and therefore they are excluded from certain provisions of SGMA.

b. Municipal Well Operators.

- City of Ridgecrest

The only incorporated city within the Management Area is the City of Ridgecrest which is also a member of the Authority.

c. Public Water Systems.

- Indian Wells Valley Water District
- InyoKern Community Services District
- Rand Communities Water District

The Authority is committed to considering the interests of all public water system operators in the Basin during the GSP development process in an open and transparent process, including active and open public discussions. In accordance with that commitment, the Authority will be preparing, maintaining, and updating as necessary, a list, with contact information, of all public water system operators in the Management Area. Additionally, if and to the extent that there are any private water systems that are providing water to the public they will be included in this list.

d. Local Land Use Planning Agencies.

- City of Ridgecrest
- County of Kern
- County of Inyo
- County of San Bernardino

The local land use planning agencies within the Management Area are all signatories and voting members of the Authority.

e. Environmental Users of Groundwater.

- None Known

At present, the Authority is unaware of any water users that would fit within this category. With that said, the Authority is committed to considering the interests of all environmental users of groundwater in the Basin during the GSP development process in an open and transparent process, including active and open public discussions. In accordance with that commitment, the Authority will develop, maintain, and update as necessary, a list, with contact information, of all environmental users of groundwater in the Management Area as they are identified.

f. Surface Water Users, if there is a hydrologic connection between surface and groundwater bodies.

It is currently believed that there are no identifiable surface water users in the Management Area. With that said, the Authority is committed to considering the interests of all surface water users in the Basin during the GSP development process in an open and transparent process, including active and open public discussions. In accordance with that commitment, the Authority the County will develop, maintain, and update as necessary, a list, with contact information, of all surface water users in the Management Area as they are identified.

g. The Federal Government, including, but not limited to, the military and managers of Federal lands.

- Bureau of Land Management
- Naval Air Weapons Station China Lake

h. California Native American Tribes.

- Death Valley Timbisha Shoshone Band of California

At present, the Authority is unaware of any other Native American Tribes in the Management Area. With that said, the Authority is committed to considering the interests of all users of groundwater in the Basin during the GSP development process in an open and transparent process, including active and open public discussions. In accordance with that commitment, the Authority will develop, maintain, and update as necessary, a list, with contact information, of all Native American Tribes in the Management Area as they are identified.

i. Disadvantaged Communities, including, but not limited to, those served by private domestic wells or small community water systems.

At present, the Authority is unaware of any Disadvantage Communities within the Management Area. With that said, the Authority is committed to considering the interests of all users of groundwater in the Basin during the GSP development process in an open and transparent process, including active and open public discussions. In accordance with that commitment, the Authority will develop, maintain, and update as necessary, a list, with contact information, of all Disadvantage Communities in the Management Area as they are identified.

j. Entities listed in Section 10927 that are monitoring and reporting groundwater elevations in all or a part of a groundwater basin managed by the groundwater sustainability agency.

- City of Ridgecrest
- County of Kern
- Indian Wells Valley Water District
- Kern County Water Agency
- Naval Air Weapons Station China Lake

All of the above interested parties will be considered in the operation of the GSA and the development of the GSP.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 2-2

DWR LISTING OF AGRICULTURAL WATER MANAGEMENT PLANS

Tuesday, September 26, 2017

Water Suppliers Required and Submitted (<25,000 due 7/1/2016)

	Date Received	2015 & 2016 Plan Type/Date	>25,000 acres or as noted	Review Completed
Lone Tree MWC	7/1/2015	SBX7-7	10-25,000 acres	X
Columbia Canal Co.	8/10/2015	CVPIA	10-25,000 acres	X
Firebaugh Canal W.D.	8/10/2015	CVPIA	10-25,000 acres	X
Central California ID	8/10/2015	CVPIA/ 2014		X
San Luis Canal Co	8/10/2015	CVPIA/ 2014		X
Corcoran ID	8/18/2015	SBX7-7/ 2015		X
Arvin-Edison WSD	11/12/2015	CVPIA/ 2013-updated		X
Tulare Lake Basin WSD	11/12/2015	SBX7-7/ 2015		X
San Benito WD	11/16/2015	CVPIA/ 2015		X
Alta ID	12/9/2015	SBX7-7/ 2015		X
Turlock ID	12/10/2015	SBX7-7/ 2015		X
Lower Tule River ID	12/21/2015	CVPIA/ 2012		X
Pixley ID	12/21/2015	CVPIA/ 2012		X
Chowchilla WD	12/22/2015	CVPIA/ 2015-updated		X
South San Joaquin ID	12/22/2015	SBX7-7/ 2015		X
Kern Delta WD	12/28/2015	SBX7-7/ 2015		X
Modesto ID	12/29/2015	SBX7-7/ 2015		X
Biggs-West Gridley WD	1/13/2016	SBX7-7/ 2015		X
North Kern WSD	1/19/2016	SBX7-7/ 2015		X
Dudley Ridge WD	1/20/2016	SBX7-7/ 2015	10-25,000 acres	X
Laguna ID	1/27/2016	SBX7-7/ 2015		X
Tulare ID	1/28/2016	CVPIA/ 2015-updated		X
Nevada ID	2/1/2016	SBX7-7/ 2015		X
Ventura Co Waterworks Dist 1	2/11/2016	SBX7-7/ 2015	<10,000 acres	
Shafter-Wasco ID	2/11/2016	CVPIA/ 2015-updated		X
Yolo Co FC&WCD	2/11/2016	SBX7-7/ 2015		X
Fresno ID	2/18/2016	CVPIA/ 2015		X
Western Canal WD	2/26/2016	SBX7-7/ 2015		X
Richvale ID	2/29/2016	SBX7-7/ 2015		X
Solano ID	2/29/2016	CVPIA/ 2016		X
Buena Vista WSD	3/4/2016	SBX7-7/ 2015		X

Carlsbad MWD*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
City of Escondido*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
City of Oceanside*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
City of Poway*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Fallbrook Public Utilities District*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Olivenhaim MWD*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Ramona MWD*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Rincon del Diablo MWD*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
San Dieguito WD*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Santa Fe ID*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Vallecitos WD*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Yuima MWD*	3/15/2016	SBX7-7/ 2015	<10,000 acres	
Valley Center MWD*	3/15/2016	SBX7-7/ 2015	10-25,000 acres	X
Rainbow MWD*	3/15/2016	SBX7-7/ 2015	10-25,000 acres	X
Camrosa WD	3/29/2016	SBX7-7/ 2015	<10,000 acres	
Oakdale ID	3/29/2016	SBX7-7/ 2015		X
Semitropic WSD	4/1/2016	SBX7-7/ 2015		X
Yuba County WA	4/4/2016	SBX7-7/ 2015	Wholesaler	
Wheeler-Ridge-Maricopa WSD	4/6/2016	SBX7-7/ 2015		X
Carpinteria Valley WD	4/22/2016	SBX7-7/ 2015	<10,000 acres	
South Sutter WD	4/29/2016	SBX7-7/ 2015		X
Rancho California WD	6/23/2016	SBX7-7/ 2016	10-25,000 acres	X
Patterson ID	6/28/2016	CVPIA/ 2016 Update	10-25,000 acres	X
Woodbridge ID	6/29/2016	SBX7-7	10-25,000 acres	X
Cawelo WD	6/29/2016	SBX7-7		X
Casitas MWD	7/1/2016	SBX7-7	<10,000 acres	
Merced ID	7/21/2016	SBX7-7		X
Browns Valley ID	7/22/2016	SBX7-7	10-25,000 acres	X
Reclamation District 2035	7/29/2016	SBX7-7	10-25,000 acres	X
Consolidated ID	8/9/2016	SBX7-7		X
James ID	8/26/2016	CVPIA	10-25,000 acres	X
Kern-Tulare WD	8/31/2016	CVPIA	10-25,000 acres	X
Reclamation District No. 2068	9/14/2016	SBX7-7	10-25,000 acres	X
West Stanislaus I.D.	9/16/2016	CVPIA	10-25,000 acres	X

Westside W.D.	9/21/2016	CVPIA	10-25,000 acres	X
Riverdale I.D.	11/15/2016	SBX7-7	10-25,000 acres	X
Sutter Extension WD	11/17/2016	SBX7-7	10-25,000 acres	X
Glenn-Colusa ID**	12/16/2016	CVPIA/Sac River		X
Butte WD	1/4/2017	SBX7-7	10-25,000 acres	
Princeton-Codora-Glenn ID**	1/6/2017	CVPIA/Sac River	<10,000 acres	X
Meridian Farms**	1/6/2017	CVPIA/Sac River	<10,000 acres	X
Anderson-Cottonwood ID**	1/6/2017	CVPIA/Sac River	<10,000 acres	X
Reclamation District No. 1004**	1/6/2017	CVPIA/Sac River	10-25,000 acres	X
Provident ID**	1/6/2017	CVPIA/Sac River	10-25,000 acres	X
Natomas MWC**	1/6/2017	CVPIA/Sac River	10-25,000 acres	X
Sutter Mutual WC**	1/6/2017	CVPIA/Sac River		X
Reclamation District No. 108**	1/6/2017	CVPIA/Sac River		X
San Luis WD	1/10/2017	CVPIA		X
Delano-Earlimart ID	1/30/2017	CVPIA		X
Maine Prairie W.D.	3/7/2017	CVPIA	10-25,000 acres	X
Westlands WD	4/13/2017	CVPIA		X
Banta-Carbona I.D.	4/19/2017	CVPIA	10-25,000 acres	X
Orland-Artois WD	4/25/2017	CVPIA		X
Madera ID	4/25/2017	CVPIA		X
Colusa Co. WD	5/2/2017	CVPIA		X
Orland Unit WUA	5/11/2017	SBX7-7	10-25,000 acres	X
Stockton-East WD	8/8/2017	CVPIA		X
Orange Cove ID	8/28/2017	CVPIA		X
Lindmore ID	9/15/2017	CVPIA	10-25,000 acres	X
Panoche WD	9/26/2017	CVPIA		

*San Diego Regional AWMP

**Sac R. Settlement Contractors

Water Suppliers Required, In Progress
(<25,000 due 7/1/2016)

	2015-2016 Plan Type/Date	>25,000 acres or as noted
Kings River W.D.	SBX7-7	10-25,000 acres
Ivanhoe I.D.	CVPIA	10-25,000 acres
Saucelito I.D.	CVPIA	10-25,000 acres
Terra Bella I.D.	CVPIA	10-25,000 acres
Byron Bethany I.D.	CVPIA	10-25,000 acres
Tule Lake ID	CVPIA	

**Water Suppliers Required, Not
Submitted (<25,000 due 7/1/2016)**

Belridge WSD	SBX7-7	
Berrenda Mesa WD	SBX7-7	
Central San Joaquin WCD	CVPIA	
Del Puerto WD	CVPIA	
Lost Hills WD	SBX7-7	
Palo Verde ID	RRA***	
Southern San Joaquin MUD	CVPIA	
Bard WD	CVPIA	10-25,000 acres
Exeter I.D.	CVPIA	10-25,000 acres
Galt I.D.	CVPIA	10-25,000 acres
Henry Miller W.D.	SBX7-7	10-25,000 acres
Lindsay-Strathmore I.D.	CVPIA	10-25,000 acres
Porterville I.D.	CVPIA	10-25,000 acres
Reclamation District No. 999	SBX7-7	10-25,000 acres
St. Johns W.D.	SBX7-7	10-25,000 acres

***Reclamation Reform Act of 1982

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 2-3
CASGEM MONITORING ENTITY DESIGNATION

Groundwater Management and Monitoring Plans

Monitoring Entity: Indian Wells Valley Groundwater Authority (CASGEM)

Basin:

Authority Type:

Authority Type	Monitoring Entity	Groundwater Basin/Subbasin Name	Groundwater Basin/Subbasin Number	Groundwater Management Plan	Monitoring Plan
Voluntary Cooperative Groundwater Monitoring Association	Indian Wells Valley Groundwater Authority (CASGEM)	Indian Wells Valley	6-054		Click here to download

Note: Upon Export, available hyperlinks will be removed and replaced with "X" to indicate availability.

Groundwater Management and Monitoring Plans

Monitoring Entity: Indian Wells Valley Groundwater Authority (CASGEM)

Basin:

Authority Type:

Statewide Total Number of Groundwater Basins/Sub basins	515
Statewide Total Number of Groundwater Management Plans	270
Statewide Total Number of Monitoring Plans	797

Note: Upon Export, available hyperlinks will be removed and replaced with "X" to indicate availability.

Report Generated on 1/8/2021 1:07:11 PM

Page: 2

Stan Chen

From: Aderonmu, Abiodun@DWR <Abiodun.Aderonmu@water.ca.gov>
Sent: Tuesday, December 19, 2017 11:10 AM
To: Stan Chen
Subject: RE: CASGEM

Hi Stan,

Just a quick update to let you know that the request for change of ME designation has received final approval but it may not be reflected in the CASGEM OS until January 2018 due to current priorities.

Let me know if you have any questions.

Thanks,

Abi

From: Aderonmu, Abiodun@DWR
Sent: Wednesday, December 6, 2017 2:55 PM
To: 'Stan Chen' <stanc@stetsonengineers.com>
Subject: RE: CASGEM

Hi Stan,

I have been out of the office since the Thanksgiving holiday. I'm working with our HQ Program Manager for the final approval and will provide feedback shortly.

Thanks for your patience.

Abi

From: Stan Chen [<mailto:stanc@stetsonengineers.com>]
Sent: Wednesday, December 6, 2017 9:17 AM
To: Aderonmu, Abiodun@DWR <Abiodun.Aderonmu@water.ca.gov>
Subject: RE: CASGEM

Hi Abi,

I am following up regarding the request to transfer the designation of the "Monitoring Entity" for the Indian Wells Valley groundwater basin.

Do you know the approximate status of the request, and is any other information/documentation required by DWR?

Thank you,

Stan Chen
Stetson Engineers Inc.
(626) 967-6202

From: Stan Chen
Sent: Monday, November 20, 2017 10:41 AM
To: 'Aderonmu, Abiodun@DWR' <Abiodun.Aderonmu@water.ca.gov>

Cc: Steve Johnson <stevej@stetsonengineers.com>; Jeff Helsley <jeffh@stetsonengineers.com>; Alan Christensen <achristensen@kerncounty.com>; Adam Bingham <bingham@svminerals.com>; manderson@kcwa.com; stephan.bork@navy.mil

Subject: RE: CASGEM

Hi Abi,

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There is a new section added ("Background") which includes this discussion. There is also an additional paragraph added to the end of "Item a"

Thank you,

Stan Chen
Stetson Engineers Inc.
(626) 967-6202

From: Aderonmu, Abiodun@DWR [<mailto:Abiodun.Aderonmu@water.ca.gov>]

Sent: Friday, November 17, 2017 2:44 PM

To: Stan Chen <stanc@stetsonengineers.com>

Cc: Steve Johnson <stevej@stetsonengineers.com>; Jeff Helsley <jeffh@stetsonengineers.com>; Alan Christensen <achristensen@kerncounty.com>; Adam Bingham <bingham@svminerals.com>; manderson@kcwa.com; stephan.bork@navy.mil

Subject: RE: CASGEM

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This is important information that should be incorporated into the document you submitted. I would suggest adding it under the "Name of Agency" section or as separate paragraph just before it. Please send me a copy of the revised document.

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Subject: RE: CASGEM

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Please let me know if there are any additional questions.

Thank you,

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Subject: RE: CASGEM

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- Indian Wells Valley Water District
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- Eastern Kern County Airport District
- Naval Air Weapons Station-China Lake
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Please provide explanation why these agencies are not included as members of the new entity.

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Cc: Steve Johnson; Jeff Helsley; Alan Christensen; Adam Bingham; manderson@kcwa.com; stephan.bork@navy.mil
Subject: RE: CASGEM

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It is our understanding from your August 25, 2017 e-mail below, the transfer of the Monitoring Entity designation will need to be reviewed and approved by DWR (DWR requires specific information be submitted for review and approval). Attached for DWR review is the requested information.

Please let us know if there are any questions.

Thank you,

Stan Chen
Stetson Engineers Inc.
(626) 967-6202

From: Aderonmu, Abiodun@DWR [<mailto:Abiodun.Aderonmu@water.ca.gov>]
Sent: Thursday, September 07, 2017 8:12 AM
To: Stan Chen <stanc@stetsonengineers.com>
Cc: Tuan Nguyen <tuann@stetsonengineers.com>; Weil, Michael@DWR <Michael.Weil@water.ca.gov>
Subject: RE: CASGEM

Hi Stan,
See my response in blue ink below.
Thanks.

From: Stan Chen [<mailto:stanc@stetsonengineers.com>]
Sent: Wednesday, September 6, 2017 3:54 PM
To: Aderonmu, Abiodun@DWR
Cc: Tuan Nguyen; Weil, Michael@DWR
Subject: RE: CASGEM

Hi Abi,

Thank you for your response.

1. The 'replacement entity' would be a GSA (10927.b.3) that will be preparing a GSP. Although we will check all available reports to see if some sort of "Groundwater Management Plan" exists, submittal of such a plan does not appear to be a requirement in the process below? **Yes, a GSP will satisfy this requirement.**
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To: Stan Chen <stanc@stetsonengineers.com>
Cc: Tuan Nguyen <tuann@stetsonengineers.com>; Weil, Michael@DWR <Michael.Weil@water.ca.gov>
Subject: RE: CASGEM

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Hope this helps. Let me know if you have any further questions.

Thanks,

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From: Stan Chen [<mailto:stanc@stetsonengineers.com>]
Sent: Wednesday, September 6, 2017 2:50 PM
To: Aderonmu, Abiodun@DWR
Cc: Tuan Nguyen; Weil, Michael@DWR
Subject: FW: CASGEM

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(626) 967-6202

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Sent: Friday, August 25, 2017 1:40 PM
To: Tuan Nguyen
Cc: Weil, Michael@DWR
Subject: RE: CASGEM

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1. Provide the following required Items from the new entity:
 - a Name of Agency
 - b Agency Contact Name
 - c Address
 - d Telephone Number
 - e Email Address
 - f Any other relevant contact information
 - g Authority (as listed in WC section 10927) - see more information in [CASGEM FAQs](#)
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Let me know if you have further questions.

Thanks,

Abi

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My question is regarding the "reporting entity" designated as the Monitoring Entity (ME) in CASGEM.

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861 Village Oaks Drive, Suite 100
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From: Tung, Jack@DWR
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Cc: Gorman, Eric@DWR
Subject: RE: CASGEM

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Department of Water Resources
Southern Region Office

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Jack.Tung@water.ca.gov

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Stan Chen

From: Aderonmu, Abiodun@DWR <Abiodun.Aderonmu@water.ca.gov>
Sent: Tuesday, December 19, 2017 11:10 AM
To: Stan Chen
Subject: RE: CASGEM

Hi Stan,

Just a quick update to let you know that the request for change of ME designation has received final approval but it may not be reflected in the CASGEM OS until January 2018 due to current priorities.

Let me know if you have any questions.

Thanks,

Abi

From: Aderonmu, Abiodun@DWR
Sent: Wednesday, December 6, 2017 2:55 PM
To: 'Stan Chen' <stanc@stetsonengineers.com>
Subject: RE: CASGEM

Hi Stan,

I have been out of the office since the Thanksgiving holiday. I'm working with our HQ Program Manager for the final approval and will provide feedback shortly.

Thanks for your patience.

Abi

From: Stan Chen [<mailto:stanc@stetsonengineers.com>]
Sent: Wednesday, December 6, 2017 9:17 AM
To: Aderonmu, Abiodun@DWR <Abiodun.Aderonmu@water.ca.gov>
Subject: RE: CASGEM

Hi Abi,

I am following up regarding the request to transfer the designation of the "Monitoring Entity" for the Indian Wells Valley groundwater basin.

Do you know the approximate status of the request, and is any other information/documentation required by DWR?

Thank you,

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**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



November 18, 2011

Don Zdeba, Chairperson
Indian Wells Valley Cooperative Groundwater Management Group
Post Office Box 1329
Ridgecrest, California 93555

Monitoring Entity Designation for the Indian Wells Valley Cooperative Groundwater Management Group under the California Statewide Groundwater Elevation Monitoring Program

Dear Mr. Zdeba:

Thank you for volunteering to be a Monitoring Entity for the California Statewide Groundwater Elevation Monitoring (CASGEM) program. On December 17, 2010, the Department of Water Resources (DWR) received notification that the Indian Wells Valley Cooperative Groundwater Management Group (IWVCGWMG) intends to assume responsibility for monitoring and reporting local groundwater elevations for the CASGEM program. Based on review and verification of the information that you submitted to DWR via the CASGEM Online System, IWVCGWMG is designated as the Monitoring Entity for the following groundwater basin:

- Indian Wells Valley (6-54)

You should begin monitoring the wells you have included in the CASGEM program by fall 2011. The CASGEM Online System is ready to accept submittal of your groundwater elevation data. The Water Code requires that the first set of groundwater elevations be reported on or before January 1, 2012.

Additional information is available on the CASGEM program website at <http://www.water.ca.gov/groundwater/casgem>.

If you have any questions about the CASGEM program, please contact Timothy M. Ross in DWR's Southern Region at 770 Fairmont Avenue, Suite 102, Glendale, California 91203, or by phone (818) 500-1645 x278, or email tross@water.ca.gov.

Thank you for your participation in the CASGEM program.

Sincerely,

Paula J. Landis, Chief
Division of Integrated Regional Water Management

cc: Timothy M. Ross, Southern Region Office
Brett Wyckoff, Bonderson Bldg., Rm. 213 A
John Thornton, PSOMAS

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 2-4

NOVEMBER 2020 CASGEM MONITORING RESULTS



Welcome: Adam Bingham for Indian Wells Valley Groundwater Authority (CASGEM) as Administrator

Home Notifications Manage Wells View Map Reports Administration My Profile Public View Sign Out

Manage Wells : Groundwater Elevation Data

Batch Upload

Elevation Data Import

Select Well Group *

Select well group...

Measurement Date *

Collecting/Co-op Agency *

Select cooperating agency...

Add Measurements

Latest Elevation Data

Master Site Code	CASGEM Well Id	Local Well Number	State Well Number	Date	Military Time (PST)	NM	QM	Reading @RP	Reading @WS	RP to
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>							
357762N1178411W003	46301	USBR-06-D	25S38E12L003M	11/19/2020	00:00			165.680	0.000	165.6
357762N1178411W002	46300	USBR-06-M	25S38E12L002M	11/19/2020	00:00			190.590	0.000	190.5
357762N1178411W001	46299	USBR-06-S	25S38E12L001M	11/19/2020	00:00			184.910	0.000	184.9
357325N1177203W001	46313	TTBK MW14	25S40E30E001M	11/18/2020	00:00			17.720	0.000	17.72
357850N1177618W001	23361	Baker Range	25S39E03R001M	11/18/2020	00:00			51.800	0.000	51.80
356885N1177556W001	46316	Sandquist Spa	26S39E11E002M	11/17/2020	00:00			136.490	0.000	136.4
356665N1176968W001	51384	S.Hanger5	26S40E17Q001M	11/17/2020	00:00			144.860	0.000	144.8
357597N1176015W001	46315	TTBKMW12	25S41E18R001M	11/16/2020	00:00			22.990	0.000	22.99
356485N117749W002	46310	MW-32-SM	26S39E27D002M	11/15/2020	00:00	7				
357181N1178709W001	46296	USBR-05-S	25S38E34G001M	11/15/2020	00:00	7				
357187N1178427W002	46307	NR 2-M	25S38E36G002M	11/15/2020	00:00	7				
354993N1179284W001	46282	ABANDONED WELL	28S38E18F001M	11/15/2020	00:00	7				
356497N1177421W001	46295	USBR-04-SM	26S39E26A003M	11/15/2020	00:00	7				
355696N1178629W004	46288	USBR-01-D	27S38E23F004M	11/15/2020	00:00	7				
357187N1178427W001	46306	NR 2-S	25S38E36G001M	10/13/2020	00:00			158.700	0.000	158.7
357187N1178427W003	46308	NR 2-D	25S38E36G003M	10/13/2020	00:00			173.600	0.000	173.6

Master Site Code	CASGEM Well Id	Local Well Number	State Well Number	Date	Military Time (PST)	NM	QM	Reading @RP	Reading @WS	RP t
358414N1178717W004	46305	USBR-10-D	24S38E21A004M	10/13/2020	00:00			323.000	0.000	323.0
358414N1178717W002	46303	USBR-10-SM	24S38E21A002M	10/13/2020	00:00			324.400	0.000	324.4
358414N1178717W001	46302	USBR-10-S	24S38E21A001M	10/13/2020	00:00			324.600	0.000	324.6
357181N1178709W002	46297	USBR-05-M	25S38E34G002M	10/13/2020	00:00			368.700	0.000	368.7
356073N1177549W003	46294	USBR-03-D	27S39E11D003M	10/13/2020	00:00			346.300	0.000	346.3
356073N1177549W002	46293	USBR-03-M	27S39E11D002M	10/13/2020	00:00			370.700	0.000	370.7
356073N1177549W001	46292	USBR-03-S	27S39E11D001M	10/13/2020	00:00			364.500	0.000	364.5
356228N1178576W003	46291	USBR-02-D	27S38E02C003M	10/13/2020	00:00			285.300	0.000	285.3
356228N1178576W002	46290	USBR-02-M	27S38E02C002M	10/13/2020	00:00			274.400	0.000	274.4
356228N1178576W001	46289	USBR-02-S	27S38E02C001M	10/13/2020	00:00			285.100	0.000	285.1
355696N1178629W002	46286	USBR-01-SM	27S38E23F002M	10/13/2020	00:00			183.500	0.000	183.5
355696N1178629W001	46285	USBR-01-S	27S38E23F001M	10/13/2020	00:00			187.200	0.000	187.2
355699N1178959W001	46284	AB303-05	27S38E21L001M	10/13/2020	00:00			277.700	0.000	277.7
356144N1176260W001	21708	George Air Corridor	27S40E01K002M	10/13/2020	00:00			164.100	0.000	164.1
357181N1178709W003	46298	USBR-05-D	25S38E34G003M	10/13/2020	00:00			369.700	0.000	369.7
356485N1177749W004	46312	MW-32-D	26S39E27D004M	10/13/2020	00:00			279.600	0.000	279.6
356485N1177749W003	46311	MW-32-DM	26S39E27D003M	10/13/2020	00:00			286.800	0.000	286.8
356654N1176414W001	46317	WWTF-02	26S40E23C002M	10/07/2019	00:00	0				
355696N1178629W003	46287	USBR-01-DM	27S38E23F003M	10/07/2019	00:00	3				
354909N1177065W001	46283	RINALDI WELL	27S40E32Q001M	10/07/2019	00:00	0				
355111N1179793W001	46281	HIGHWAY WELL	28S37E10K001M	10/07/2019	00:00	0				
358414N1178717W003	46304	USBR-10-DM	24S38E21A003M	10/07/2019	00:00	0				
356485N1177749W001	46309	MW-32-S	26S39E27D001M	10/07/2019	00:00	0				
356706N1176860W001	46314	TTIWW-MW-06	26S40E16M001M	04/05/2016	00:00	0				

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 2-5

SWRCB E-WRIMS LISTING (SURFACE WATER RIGHTS)



e-WRIMS Water Right Search Results

Criteria: Displaying Water Rights where Watershed is (INDIAN WELLS).

Search Results: [previous](#) [next](#)

AppI ID	Permit ID	License ID	Water Right Type	Status	Holder Name	Date	Face Amt	County	Source	View Reports	View Document	Open in GIS	Export to Excel
D032441		000893	Registration Domestic	Registered	BARRY BECKMANN	04/12/2016	1.121 acre-ft/yr	Kern	UNNAMED SPRING	View Reports	View Document	Open in GIS	Download to Excel
S024379			Statement of Div and Use	Claimed	MARSHALL PROPS, LLC	02/27/2014	0 acre-ft/yr	Inyo	SUMMITT CREEK	View Reports	View Document	Open in GIS	Download to Excel
S024380			Statement of Div and Use	Claimed	MARSHALL PROPS, LLC	02/27/2014	0 acre-ft/yr	Inyo	SUMMITT/LOCO CREEK	View Reports	View Document	Open in GIS	Download to Excel
A017659	011440	006460	Appropriative	Revoked	SPRAGUE RANCHES	07/12/2010	1.3 acre-ft/yr			View Reports	View Document	Open in GIS	Download to Excel
A016741	010591	005722	Appropriative	Revoked	ANNA E LONGAKER	07/01/2008	2.4 acre-ft/yr			View Reports	View Document	Open in GIS	Download to Excel
D029639		000046	Registration Domestic	Registered	KIM A JENSEN	06/30/2006	2.7 acre-ft/yr	Kern	SEARLES TUNNEL	View Reports	View Document	Open in GIS	Download to Excel
A026051	018126	012503	Appropriative	Revoked	NIKOLAUS & NIKOLAUS SON	10/20/2001	65 acre-ft/yr			View Reports	View Document	Open in GIS	Download to Excel
D029722		000049	Registration Domestic	Revoked	ROSS MUNNERLYN	07/05/2000	0.2 acre-ft/yr			View Reports	View Document	Open in GIS	Download to Excel
D029864		000089	Registration Domestic	Registered	PETE POOLEY	02/27/1991	2.3 acre-ft/yr	Kern	UNSP	View Reports	View Document	Open in GIS	Download to Excel
S012552			Statement of Div and Use	Claimed	US BUREAU OF LAND MANAGEMENT	10/18/1985	0 acre-ft/yr	Kern	UNSP	View Reports	View Document	Open in GIS	Download to Excel
S011841			Statement of Div and Use	Claimed	US BUREAU OF LAND MANAGEMENT	12/11/1984	0 acre-ft/yr	Inyo	UNSP	View Reports	View Document	Open in GIS	Download to Excel
F006718S			Federal Claims	Claimed	U S SEQUOIA NATL FOREST	07/01/1984	0.1 acre-ft/yr	Kern	UNSP	View Reports	View Document	Open in GIS	Download to Excel
F006719S			Federal Claims	Claimed	U S SEQUOIA NATL FOREST	07/01/1984	0.1 acre-ft/yr	Kern	UNSP	View Reports	View Document	Open in GIS	Download to Excel
S006811			Statement of	Claimed	U S INYO NATL	01/01/1980	0 acre-ft/yr	Inyo	LOCO CREEK	View	View	Open in GIS	Download

			Div and Use	FOREST						Reports	Document	to Excel	
S009751			Statement of Div and Use	Claimed	LOS ANGELES DEPARTMENT OF WATER AND POWER	02/23/1979	0 acre-ft/yr	Inyo	HAIWEE RESERVOIR	View Reports	View Document	Open in GIS	Download to Excel
S005277			Statement of Div and Use	Claimed	LOS ANGELES DEPARTMENT OF WATER AND POWER	01/01/1975	0 acre-ft/yr	Inyo	LOCO CREEK	View Reports	View Document	Open in GIS	Download to Excel
S006722			Statement of Div and Use	Claimed	U S SEQUOIA NATL FOREST	04/07/1971	0 acre-ft/yr	Kern	MCIVERS SPRING	View Reports	View Document	Open in GIS	Download to Excel
S002111			Statement of Div and Use	Claimed	National Audubon Society	06/30/1967	0 acre-ft/yr	Kern	UNXX	View Reports	View Document	Open in GIS	Download to Excel
A022167	014947	009549	Appropriative	Licensed	US BUREAU OF LAND MANAGEMENT	05/20/1965	1.7 acre-ft/yr	Kern	PUBLIC SPRING	View Reports	View Document	Open in GIS	Download to Excel
A022164	015252	009552	Appropriative	Licensed	US BUREAU OF LAND MANAGEMENT	05/20/1965	2.8 acre-ft/yr	Inyo	NINEMILE CANYON UNDERFLOW	View Reports	View Document	Open in GIS	Download to Excel
A021217	014648	008834	Appropriative	Licensed	US BUREAU OF LAND MANAGEMENT	04/02/1963	0.7 acre-ft/yr	Kern	MORRIS PEAK SPRING	View Reports	View Document	Open in GIS	Download to Excel
A004682	002426	001944	Appropriative	Licensed	US BUREAU OF LAND MANAGEMENT	10/06/1960	34.8 acre-ft/yr	Inyo	EAST SACATAR CREEK	View Reports	View Document	Open in GIS	Download to Excel
A019784SF			Appropriative (State Filing)	Pending	STATE WATER RESOURCES CONTROL BOARD	10/03/1960	6000 acre-ft/yr	Inyo	SUMMIT CREEK, UNST	View Reports	View Document	Open in GIS	Download to Excel
A018265	011745	006486	Appropriative	Licensed	US BUREAU OF LAND MANAGEMENT	08/14/1958	0.2 acre-ft/yr	Inyo	UNSP	View Reports	View Document	Open in GIS	Download to Excel
A017450	011016	005967	Appropriative	Licensed	US BUREAU OF LAND MANAGEMENT	02/04/1957	2.5 acre-ft/yr	Kern	SHORT CANYON SPRING	View Reports	View Document	Open in GIS	Download to Excel
Return to Water Right Public Search Form											Download to Excel		

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 2-6
DWR UWMP LETTER (APRIL 26, 2017)

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



April 26, 2017

Reneé Morquecho
Chief Engineer
Indian Wells Valley Water District
500 West Ridgecrest Boulevard
Ridgecrest, California 93555

RE: Urban Water Management Plan Requirements Addressed

Dear M. Morquecho:

The Department of Water Resources (DWR) has reviewed the Indian Wells Valley Water District's 2015 Urban Water Management Plan (UWMP) received on June 20, 2016. The California Water Code (CWC) directs DWR to report to the legislature once every five years on the status of submitted UWMPs. In meeting this legislative reporting requirement, DWR reviews all submitted UWMPs.

DWR's review of the Indian Wells Valley Water District's 2015 plan has found that the UWMP addresses the requirements of the CWC. DWR's review of plans is limited to assessing whether suppliers have addressed the required legislative elements. In its review, DWR does not evaluate or analyze the supplier's UWMP data, projections, or water management strategies. This letter acknowledges that the Indian Wells Valley Water District's 2015 UWMP addresses the CWC requirements. The results of the review will be provided to DWR's Financial Assistance Branch.

If you have any questions regarding the review of the UWMP or urban water management planning please call Gwen Huff at 916-651-9672.

Sincerely,

A handwritten signature in blue ink, appearing to read "Vicki Lake".

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:
David F. Scriven

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

“ATTACHMENT TAB”

ATTACHMENT 3

WORK PLAN

1.0 PROJECT DESCRIPTION

INTRODUCTION AND JUSTIFICATION

The Indian Wells Valley Groundwater Basin (Basin) is identified by the California Department of Water Resources (DWR) as a critically overdrafted basin of High Priority. As the Groundwater Sustainability Agency (GSA) for the Basin, the Indian Wells Valley Groundwater Authority (IWVGA) submitted a Groundwater Sustainability Plan (GSP) by January 31, 2020, in compliance with SGMA. Furthermore, under SGMA, the Basin must achieve “sustainability” by the year 2040 and eliminate undesirable basin results.

It is anticipated the IWVGA’s GSP will be approved by DWR by January 2022. The IWVGA has begun or will begin work on several of the implementation tasks and projects described in the adopted GSP. The proposed Project has been chosen for this Proposition 68 funding opportunity over other projects and management actions included in the IWVGA’s GSP because the IWVGA views mitigation of Basin overdraft as the highest priority for GSP implementation. The IWVGA has established annual groundwater pumping allocations of the safe yield of the Basin, which, along with a Fallowing Program, are expected to greatly reduce groundwater production. However, in accordance with page 5-7 the GSP, the IWVGA will allow a reasonable quantity of overdraft to occur to maintain current community groundwater production until supplemental water supplies are acquired. The proposed Project represents the initial steps for acquiring supplemental water supplies and therefore the initial steps for minimizing the quantity of allowed Basin overdraft.

The IWVGA’s GSP includes projects for developing an imported water supply by 2035 (Project No. 1, see GSP page 5-13) and optimizing the use of recycled water by 2025 (Project No. 2, see GSP page 5-23). The numerical model Scenario 6.2 discussed in the GSP indicated that stabilization of groundwater levels and cessation of undesirable results during the modeled 50-year planning horizon would occur as a result of implementing these two GSP projects by the aforementioned deadlines. Additionally, the IWVGA’s Baseline conditions (see GSP page 3-43) indicated that a “no-action” approach to Basin management would result in approximately 1.6 million acre-feet of groundwater in storage being lost from 2020 to 2070, and the Basin’s current groundwater infrastructure would be unable to produce the needed groundwater to meet anticipated groundwater demands by 2065.

The IWVGA’s proposed Project would allow the IWVGA to minimize future undesirable results occurring due to prolonged Basin overdraft. Specifically, the proposed Project will provide the IWVGA with the opportunity to implement imported and recycled water projects that will reduce loss of groundwater in storage and chronic lowering of groundwater levels, culminating in an overall reduction of impacts to shallow wells (see GSP Page 5-15). In addition, per Page 5-15 of the GSP, the proposed Project will provide opportunities for the IWVGA to initiate design, permitting, and environmental compliance for imported and recycled water projects that will either directly meet groundwater production demands above the estimated current Basin sustainable yield or replace groundwater produced above the estimated current Basin sustainable yield.

A summary description of the tasks associated with the proposed Project is provided below. A detailed description is provided in the “Scope of Work and Deliverables” section.

The criteria that would trigger Project termination include:

- Inability to secure purchase/leasing of imported water supplies
- Inability to partner with a transfer agency to convey imported water supplies

GOALS AND OBJECTIVES

The proposed Project includes GSP implementation tasks which are consistent with the Projects and Management Actions in the IWVGA's GSP. The IWVGA is committed to implementing the GSP's Projects and Management Actions such that undesirable results are avoided and/or mitigated. In general, the IWVGA's sustainability goal is to achieve management and preservation of the Basin (indicated through the absence of significant and unreasonable undesirable results throughout the 50-year planning and implementation horizon), as well as preservation of the local communities, quality of life for local residents, and the mission at the Naval Air Weapons Station China Lake. The proposed Project will help the IWVGA achieve these goals and objectives, specifically by initiating the efforts to secure supplemental water supplies to mitigate future Basin overdraft.

The proposed Project aligns with the October 2014 Inyo-Mono Integrated Regional Water Management Plan, which was prepared with a stated purpose of "foster[ing] coordination, collaboration, and communication among water-related stakeholders in the region for the purpose of developing water management strategies and projects that will benefit multiple entities and enhance water supply, water quality, and watershed health." The proposed Project aligns with the water supply goals of the General Plans of the counties of Kern, Inyo, and San Bernardino, as discussed on GSP pages 2-15 through 2-24. The proposed Project also aligns with the water use and supply goals of the City of Ridgecrest General Plan, as discussed on GSP pages 2-22 through 2-24.

The IWVGA, the established exclusive GSA for the Basin, is submitting this proposal to receive grant funding for the proposed Project, consisting of the following tasks:

- 1) **Imported Water Supply Alternatives Analysis:** Engineering evaluation, analysis, and recommendation of the most feasible and cost-effective alternative of the two imported water project options discussed in the GSP.
- 2) **Recycled Water Use Alternatives Analysis:** Engineering evaluation, analysis, and recommendation of the most feasible and cost-effective beneficial use of new recycled water supplies to be generated in the near future at the City of Ridgecrest wastewater treatment facility.
- 3) **Recycled Water Project Phase 1: Treatment Design:** Upgrade and expansion of the City of Ridgecrest's currently aging secondary-level wastewater treatment facility (Phase I of a recycled water project).

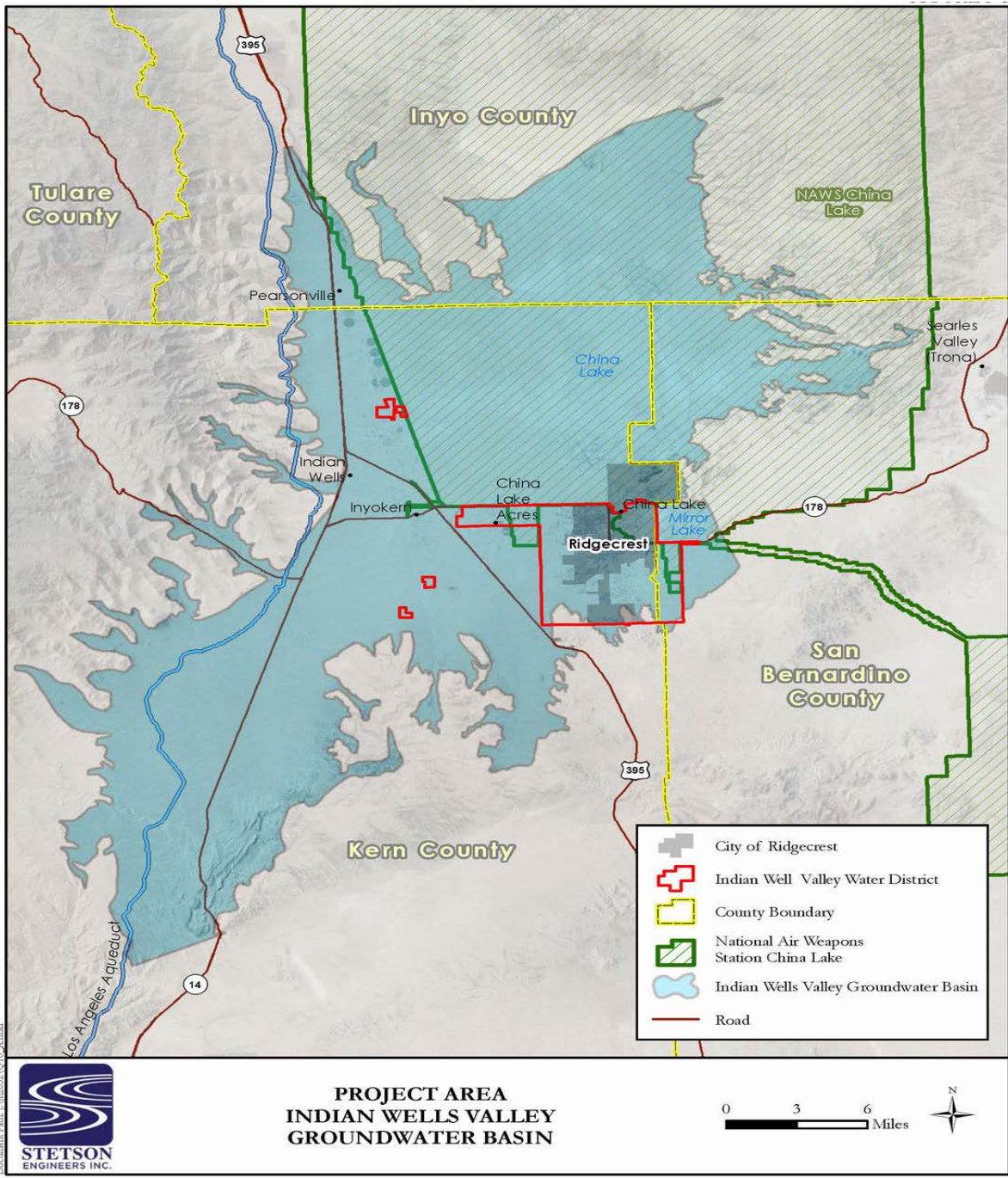
A detailed description of the proposed Project is provided in the "Scope of Work and Deliverables" section.

PROJECT LOCATION AND SETTING

The proposed Project will benefit sustainable groundwater management within the extents of the Basin. As shown on the figure below, the Basin underlies portions of the counties of Kern, Inyo, and San Bernardino and is unique in that it is isolated from the urban centers of these three counties. The majority of the Basin's area is set in northeastern Kern County with smaller portions located in northwestern San Bernardino County and southern Inyo County. The City of Ridgecrest is located in the extreme northeastern portion of Kern County (within the east-central portion of the Basin) and is the only incorporated city in the Basin. The Indian Wells Valley Water District serves potable water within the City of Ridgecrest and certain areas outside of the City of Ridgecrest's jurisdiction. Naval Air Weapons Station China Lake (NAWS China Lake) is located in the upper Mojave Desert of southeastern California and consists of major land areas within the basin. The locations of these entities are also provided in the figure below.

A significant majority of the land overlying the Basin is located within Kern County. Of the Basin lands within Kern County, approximately 47 percent falls under the jurisdiction of the U.S. Bureau of Land Management (BLM), approximately 26 percent falls under the jurisdiction of the China Lake Naval Air Weapons Station, and approximately 27 percent are other non-federal lands. Most of the BLM-managed land in the Basin is open space managed for natural and economic resources, including mineral resources and right-of-way for powerlines and pipelines. The land within the jurisdiction of China Lake Naval Air Weapons Station is used for weapons research, development, acquisition, testing, and evaluation for the U.S. Navy. The City of Ridgecrest is the only incorporated city within the Basin, and lands located near the westerly and southeasterly of the City of Ridgecrest boundaries consist of residential zoning (generally with a minimum lot size of 2.5 acres per dwelling unit), light industrial zoning, open space, etc. Towards the southwest portion of the Basin, commonly referred to as the El Paso area, zoning consists primarily of open space and recreation (forestry). The El Paso area is managed by BLM and is largely uninhabited; as such, significant groundwater extractions do not occur in the El Paso area due to the lack of local water demands in that area. A majority of the lands overlying the Basin within Inyo County are zoned for open space (with the exception of the community of Pearsonville), and a majority of the lands overlying the Basin within San Bernardino County are zoned for resource conservation.

The Basin's current conditions of overdraft have existed since at least the 1960s and have been well documented, as discussed on GSP pages 3-23 through 3-26. Currently, Basin outflows exceed Basin inflows by a factor of approximately four (4). The magnitude of the Basin's overdraft results in an average annual loss of groundwater in storage of approximately 25,000 acre-feet per year (see GSP page 3-23). The Basin community is currently experiencing the consequence of prolonged overdraft primarily through the chronic lowering of groundwater levels, and the community will continue to experience increasing economic social, and economic impacts if the GSP is not successfully implemented.



The Basin serves as the sole supply of potable water for the Indian Wells Valley region. Beneficial uses of groundwater include:

- Extraction for municipal and domestic purposes
- Extraction for agricultural irrigation, primarily of alfalfa and pistachios

- Extraction for landscape irrigation
- Extraction for dust control for local landfill operations
- Extraction for industrial purposes at Searles Valley Minerals and at the Naval Air Weapons Station China Lake
- Environmental purposes (i.e. wildlife habitats and groundwater dependent ecosystems)

Additionally, beneficial uses of recycled water also occur in the Basin for golf course irrigation and seepage into the man-made habitat of the Mojave Tui Chub, an endangered species of fish.

As discussed on GSP pages 1-3, 4-2, 4-3, and 4-4, the sustainability goal of the IWVGA is to manage and preserve Basin groundwater resources as a sustainable water supply. To the greatest extent possible, the sustainability goal is to preserve the character of the community, preserve the quality of life of Indian Wells Valley residents, and sustain the mission at Naval Air Weapons Station China Lake. The absence of significant and unreasonable undesirable results throughout the 50-year planning and implementation horizon will indicate that the sustainability goal has been achieved.

The IWVGA's GSP describes four (4) sustainability indicators with documented current and/or historical undesirable results: reduction of groundwater in storage, chronic lowering of groundwater levels, degraded water quality, and land subsidence. Reduction of groundwater in storage is directly related to the chronic lowering of groundwater levels. Hydrographs of wells taken throughout the Basin demonstrate significant and unreasonable prolonged drawdown of water levels, and concentrations of total dissolved solids (TDS) have increased over time in areas where high rates of pumping have occurred. Land subsidence has historically caused undesirable results to facilities at the Naval Air Weapons Station China Lake. The minimum thresholds and measurable objectives for these sustainability indicators are summarized in GSP pages 4-33 through 4-36. The associated impacts to groundwater users include increased power costs to extract groundwater at lower depths, removal of certain Basin regions from the municipal and domestic supply (MUN) beneficial use designation for groundwater due to high TDS concentrations, and migration of naturally saline groundwater towards pumping centers.

The proposed Project is located within Underrepresented Communities and will benefit Underrepresented Communities within the Basin. A further description of the Underrepresented Communities within the basin is provided in Attachment 6 ("Local Cost Share Waiver or Reduction Justification"). The locations of Disadvantaged Communities (DACs) and Severely Disadvantaged Communities (SDACs), Economically Distressed Areas (EDAs), and Environmentally Disadvantaged Communities (EnvDACs) within the Basin are provided in Figures 6-1, 6-2, and 6-3, respectively. The locations of the Underrepresented Communities (or the collective area of the DACs, SDACs, EDAs, and EnvDACs) are provided in Figure 6-4.

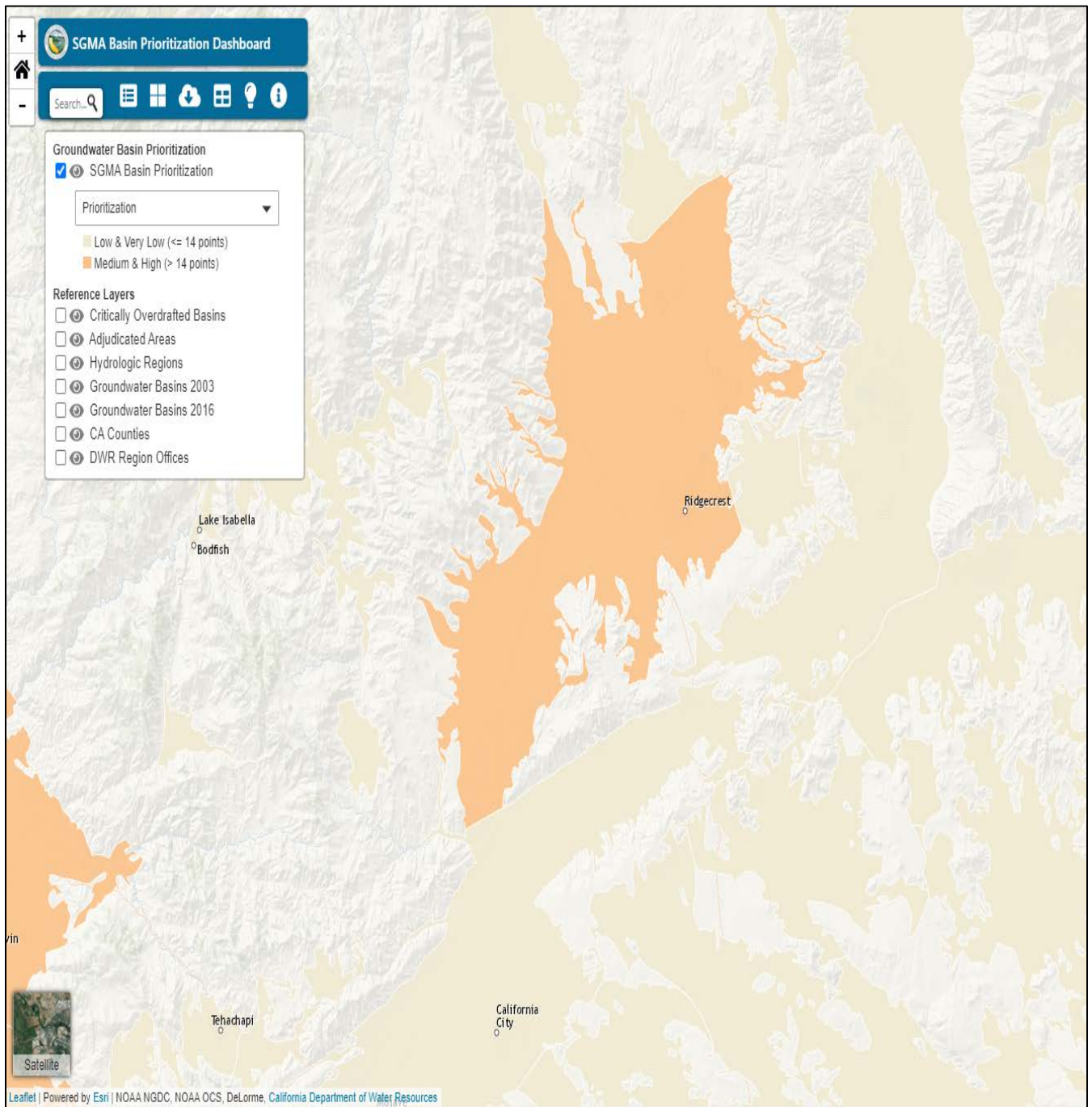
Pursuant to the requirements of the Proposal Solicitation Package dated October 2020, the following information is provided on the figures in Attachment 3-1:

- Regional maps showing the Basin location
 - Figure 3-1
- Locations of adjacent groundwater basins
 - Figure 3-2

- Current conditions (groundwater production wells and local water agencies/districts)
 - Figures 3-3 & 3-4
- Maps of current land uses/zoning
 - Figures 3-5, 3-6, & 3-7
- Maps of current groundwater and soil contamination sites within the Basin (determined using the State Water Resources Control Board's GeoTracker)
 - Figure 3-8

PROJECT COORDINATION

The IWVGA is the sole GSA for the Basin. The GSA formation document provided by the IWVGA to DWR is provided in Attachment 2 ("Eligibility Documentation"). GSA formation is a requirement for "high" and "medium" priority basins under the Sustainable Groundwater Management Act (the Basin is a high priority basin). As shown in Figure 3-2 in Attachment 3-1, the groundwater basins adjacent to the Basin include the Rose Valley (6-056) and the Coso Valley (6-055) groundwater basins to the north, the Salt Wells Valley (6-053) groundwater basin to the east, and the Fremont Valley (6-054) groundwater basin to the south. As shown in the figure below from the SGMA Basin Prioritization Dashboard, these adjacent basins have been designated as either "low" or "very low" priority basins and do not require GSA formation. As a result, the IWVGA has not coordinated with GSAs in adjacent groundwater basins.



Location of Medium and High Priority Basins in the Vicinity of the Indian Wells Valley Groundwater Basin

(Source: <https://gis.water.ca.gov/app/bp-dashboard/final/>)

PRIOR AND PROPOSED GRANT FUNDING

The IWVGA previously received grant funding from DWR through Proposition 1 (Sustainable Groundwater Planning Grant Program, Round 2) in 2017 for the development of the GSP (i.e. “Category 2” project). The IWVGA also received additional funding concurrently for certain water audit and rebate program projects benefitting Severely Disadvantaged Communities within the Basin (i.e. “Category 1” project). The IWVGA also previously received grant funding from DWR through Proposition 1 and 68 (Sustainable Groundwater Planning Grant Program, Round 3) in 2020 for additional GSP development tasks that were separate from the 2017 Proposition 1 work plan.

Additional grant funding is currently available in 2021 to only critically overdrafted groundwater basins through Proposition 68 (Sustainable Groundwater Management Implementation Grant Program, Round 1). Project types which are eligible for current Proposition 68 funding include activities and/or tasks that are consistent with the purpose of Proposition 68 Chapter 11.6 and are also associated with the implementation of an adopted GSP or approved GSP Alternative¹. These activities and tasks include development of groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects; projects that prevent or clean up contamination of groundwater that serves as a source of drinking water; and/or programs that support water supply reliability, water conservation, water use efficiency, water banking, exchange, and/or reclamation.

The IWVGA is seeking to obtain grant funding currently available through Proposition 68 for several tasks (proposed Project) associated with implementation of the Projects and Management Actions described in the IWVGA’s GSP. In addition, a significant portion of the Basin is comprised of Underrepresented Communities. As noted in Attachment 6 (“Local Cost Share Waiver or Reduction Justification”), Underrepresented Communities cover approximately 73 percent of the Basin’s area and approximately 39 percent of the basin’s total population. Grant funding for the proposed Project would assist the IWVGA in implementation of its GSP while also providing benefits to Underrepresented Communities within the Basin, primarily through augmentation of Basin water supplies to mitigate the chronic lowering of groundwater levels and the loss of groundwater in storage.

The IWVGA has implemented a volumetric groundwater pumping fee (Basin Replenishment Fee) in order to fund some of the costs associated with GSP implementation, particularly those for procuring imported water supplies (water rights) and mitigating impacts to shallow wells. The IWVGA requests funding for GSP implementation tasks required to achieve future augmentation of the estimated current basin sustainable yield. As discussed in the IWVGA’s GSP, groundwater production in the Basin is approximately four (4) times the current estimated basin sustainable yield. The tasks associated with the proposed Project represent the initial steps required for augmenting the Basin. There will not be any cost or funding overlaps or duplication of work associated with the Proposition 1 (Round 2) funding that has been awarded to the IWVGA and the Proposition 68 (Round 3) funding that is being requested in this application. A summary description of the tasks associated with the proposed Project was discussed above. A detailed description is provided in the “Scope of Work and Deliverables” section.

¹ DWR’s “SGM Grant Program Implementation Grants Proposal Solicitation Package”, October 2020.

2.0 PROJECT BENEFITS

The Basin resources are currently not sustainably managed. Overdraft conditions have existed since the 1960s as a result of groundwater pumping exceeding the natural yield of the basin. DWR identified the Basin as in critical overdraft after conducting a review of available data and reports. Over 30 groundwater level hydrographs and over 20 technical reports were evaluated for chronic decline in groundwater levels, chronic reduction in storage, and water quality degradation. DWR also consulted with local agencies to obtain additional data. The results demonstrated evidence of chronic decline of groundwater levels prior to the base period (defined as 1989-2009), during the base period, and after the base period.

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. Underrepresented Communities (including all DACs, SDACs, EDAs, and EnvDACs) 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.

Overall, funding of the proposed Project would provide the following benefits:

- Mitigation and reduction of Basin overdraft
- Potential increase in future Basin sustainable yield
- Increased use of recycled water to augment local water supplies
- Enhanced water supply reliability
- Upgrade and/or expansion of a wastewater treatment facility to augment local water demands through future beneficial use of recycled water
- Community involvement, engagement, and education through an imported water working group

These benefits align with the Sustainable Groundwater Management Grant Program preferences listed on page 11 of the Program 2019 Guidelines. Additionally, funding of the proposed Project aligns with the Proposition 68 priorities for use of recycled water (Public Resources Code §80010(a)(2)), as Tasks 2 and 3 discussed above will initiate the IWVGA's efforts to apply recycled water for beneficial uses.

These benefits also align with the sustainability goal in the IWVGA's GSP. In general, the IWVGA's sustainability goal is to achieve management and preservation of the Basin (indicated through the absence of significant and unreasonable undesirable results throughout the 50-year planning and implementation horizon), as well as preservation of the local communities, quality of life for local residents, and the mission at the Naval Air Weapons Station China Lake. The proposed Project will help the IWVGA achieve its sustainability goal, specifically by initiating the efforts to secure supplemental water supplies (i.e. imported water and recycled water) to mitigate

future Basin overdraft and ensure the preservation of water supplies and quality of life for the Indian Wells Valley community.

In addition, the proposed Project will benefit Underrepresented Communities (including DACs, SDACs, EDAs, and EnvDACs) within the Basin. Specifically, the City of Ridgecrest's wastewater treatment facility is located within Underrepresented Community boundaries (see Figure 6-4). A further description of the Underrepresented Communities within the basin is provided in Attachment 6 ("Local Cost Share Waiver or Reduction Justification"). The locations of DACs and SDACs, EDAs, and EnvDACs within the Basin are provided in Figures 6-1, 6-2, and 6-3, respectively. The locations of the Underrepresented Communities (or the collective area of the DACs, SDACs, EDAs, and EnvDACs) are provided in Figure 6-4.

The state of California has established the Human Right to Water (Assembly Bill 685 Section 106.3), which states that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. As stated above, without Basin management, the Basin's current groundwater infrastructure would be unable to produce the needed groundwater by 2065. Implementation of the proposed Project aligns with the GSP projects and management actions to preserve the Basin infrastructure's ability to produce needed groundwater for water customers and for shallow, domestic well owners.

The proposed Project's benefits generated through Task 1 will be evaluated based on the potential to secure outside funding for an imported water project. The IWVGA's water marketing consultant has been given indication from the Department of Defense's Office of Economic Adjustment that the imported water project options identified in the GSP may qualify for federal funding. Completion of Task 1 will move the IWVGA's imported water project further towards "shovel-ready" status, which will increase opportunities to secure federal and other outside funding for the necessary imported water infrastructure.

The proposed Project's benefits generated through Tasks 2 and 3 will be evaluated and quantified via the quantities of Basin overdraft reduced through the future application of recycled water, and the degree of rising groundwater levels achieved through augmentation of Basin water supplies with recycled water.

The IWVGA will continue to engage stakeholders and the public throughout implementation of the GSP and the proposed Project. As part of the Task 1 scope of work discussed below, the IWVGA will establish an imported water working group to provide project oversight and stakeholder engagement opportunities during evaluation of the two imported water project options. Letters of support for GSP implementation efforts have been provided by several stakeholders, including representatives from Underrepresented Communities. Copies of these support letters from these stakeholders and Underrepresented Communities within the Basin area are provided in Attachment 3-2. **As discussed in Attachment 6 ("Local Cost Share Waiver or Reduction Justification), due to COVID-19 conditions and the holiday seasons, some letters of support for the proposed Project were unable to be prepared to include in time for the January 8, 2021, deadline for this grant application. Copies of these letters of support from stakeholders and Underrepresented Communities will be provided to DWR staff upon receipt.**

3.0 TECHNICAL EXPERTISE

TECHNICAL EXPERTISE

The proposed Project will be prepared by the IWVGA with support from its member agencies, its Water Resources Manager, its consultants (engineering and water marketers) and attorneys, and other local water agencies. The technical need for the proposed Project is described in Sections 1, 2, and 4. All required work for the proposed Project will be prepared by or under the direction of a professional geologist or professional engineer (e.g. IWVGA's Water Resources Manager, and City of Ridgecrest's Project Manager) with relevant experience. The following describes the technical expertise of the IWVGA and its Water Resources Manager.

The IWVGA conducts regular monthly Board meetings to support the implementation of the GSP for the Basin (including the proposed Project), present information regarding the current GSP implementation efforts, and receive input from the public attending the meetings. The IWVGA created a Technical Advisory Committee (TAC) and a Policy Advisory Committee (PAC) to inform the IWVGA Board about policy and technical matters related to GSP implementation, although current COVID-19 restrictions prevent the committees from meeting regularly at this time. Input from the committee members continues to be solicited to obtain feedback on GSP implementation matters and to provide public input to the IWVGA and its staff.

The IWVGA retained the services of Stetson Engineers Inc. (Stetson) as the "Water Resources Manager" for the IWVGA to prepare the GSP for the basin. Stetson continues to support the IWVGA and attend IWVGA Board and committee meetings during GSP implementation, and Stetson will coordinate the implementation of the GSP on behalf of the IWVGA. Stetson specializes in all phases of water resources engineering, including technical staff support of Watermasters of several groundwater basins; water system design; hydrogeological studies of groundwater basins; preparation of Urban Water Management Plans; water supply evaluations/assessments; water system master plans; computer modeling of groundwater basins; financial planning and analysis; and water rights valuations. Stetson's staff consists of technical professionals with expertise in surface water hydrology and hydraulics; fluvial geomorphology; hydrogeology; geology; geophysics; and civil, environmental, and agricultural engineering. Through Stetson, all required work for the proposed Project will be prepared by or under the direction of a professional geologist or professional engineer with relevant experience. The designated Water Resources Manager includes Mr. Steve Johnson (P.E.), supported by Mr. Jeff Helsley (P.E.), Ms. Heather Steele (P.E.), and Ms. Jean Moran (P.G., C.Hg.).

The City of Ridgecrest (City), a member agency of the IWVGA, has retained the services of MKN Associates (Project Manager) to provide professional engineering and project management services associated with the City's efforts to expand and upgrade its existing wastewater treatment facility. MKN Associates specializes in water resources engineering specifically pertaining to the fields of water treatment, wastewater systems, and reuse. MKN Associates' staff consists of technical professionals with expertise in planning, rehabilitation, optimization, and management of wastewater collection and treatment systems. Through MKN Associates, all required work under Task 3 (Recycled Water Project Phase 1: Treatment Design) will be prepared by or under the direction of a professional engineer with relevant experience. MKN Associates is represented by Mr. Michael Nunley (P.E.).

It is anticipated that the City will also retain the services of various subconsultants to complete final designs of the City's expanded and upgraded wastewater treatment facility. Upon retention, the City and the IWVGA will verify and document the subconsultants' technical expertise to maintain consistency with all requirements of this grant opportunity.

PREVIOUS WATER BOND GRANTS

As noted in Section 1 above, the IWVGA previously received grant funding from DWR through Proposition 1 (Sustainable Groundwater Planning Grant Program, Round 2) in 2017 for the development of the GSP (i.e. "Category 2" project) and for certain water audit and rebate program projects benefitting Severely Disadvantaged Communities within the Basin (i.e. "Category 1" project). The IWVGA also previously received grant funding from DWR through Proposition 1 and 68 (Sustainable Groundwater Planning Grant Program, Round 3) in 2020 for additional GSP development tasks that were separate from the 2017 Proposition 1 work plan.

The Indian Wells Valley Water District, a member agency of the IWVGA, previously received \$1,083,984 in grant funding from DWR through Proposition 1 (Desalination Grants, Round 4), in 2018 to prepare the "Indian Wells Valley Brackish Groundwater Feasibility Study". The study includes mapping and quantifying the brackish groundwater resources in the Basin, assessing the effects of brackish groundwater pumping, evaluating brackish water development and treatment options, and developing a brackish water pilot study scope.

The California Rural Water Association (CRWA) previously submitted a Proposition 1 grant application on behalf of the Lahontan area under DWR's 2016 Integrated Regional Water Management DAC Involvement Program. The Lahontan area includes the Inyo-Mono region which covers Underrepresented Communities within the Basin area, including Inyokern and the Searles Valley. CRWA's application includes providing technical assistance and workshops to DACs, SDACs, and small water systems in the Inyo-Mono region regarding SGMA activities. DWR has allocated \$2.45 million for the Lahontan area (which is the requested funding amount by CRWA).

Stetson Engineers Inc., on behalf of San Gabriel Valley Municipal Water District (SGVMWD), prepared an application which received \$300,000 in grant funding under the 2014 Water-Energy Grant Program. Under the grant program, Stetson assisted SGVMWD with administering rebates for water efficient washing machines, dishwashers, smart irrigation controllers, and water urinals to encourage conservation.

LEGAL ACCESS AND AUTHORITY

The IWVGA is the sole Groundwater Sustainability Agency for the Basin, and as such, possesses the legal authority to manage local groundwater resources through SGMA, as codified in California Water Code Sections 10725, 10726, 10730, and 10731. The IWVGA possesses the legal authority to collect and monitor all data related and beneficial to the implementation of its GSP. Under Task 1 of the proposed Project, the IWVGA intends to exert its legal authority to collect additional data such as pipeline capacity in existing infrastructure and required future capacity, water quality results of potential imported water supplies, and local soil properties related to suitability for groundwater recharge, as related to the availability and feasibility of

conveying imported water supplies to (and using imported water supplies within) the Basin. Additionally, the IWVGA possesses the legal authority to establish and administer programs for the benefit of the Basin such as water recycling and recapture/purification efforts. Under Task 2 of the proposed Project, the IWVGA intends to exert its legal authority to further evaluate the potential beneficial uses of recycled water in the Basin and continue to administer its recycled water program to interested participants.

The City of Ridgecrest possesses the legal authority to operate its wastewater collection, treatment, and disposal facilities that serve the China Lake Naval Air Weapons Station as well as residential and commercial development within City limits. The City's wastewater treatment facility is located within City limits and also within the jurisdictional boundaries of the China Lake Naval Air Weapons Station. The roles and responsibilities associated with operation and management of the wastewater treatment facility are documented in an easement agreement between the City and the Navy.

STATUS OF PERMITTING AND OTHER DOCUMENTATION

The Imported Water Supply Alternatives Analysis (Task 1) and Recycled Water Use Alternatives Analysis (Task 2) of the proposed Project consist of technical studies that do not require any permitting, easement negotiations, CEQA compliance, resolutions, etc.

The Recycled Water Project Phase I: Treatment Design (Task 3) is not subject to CEQA regulations; however, approval of construction of the treatment plans will be subject to CEQA. The City plans to retain the services of an Environmental Consultant to provide all services necessary to comply with CEQA as related to implementing the recycled water project. A CEQA-compliant addendum or supplement to the existing Environmental Impact Report (EIR) will be prepared through consultation with the U.S. Navy and water purveyors, including an evaluation of appropriate project alternatives. The recycled water project will require multiple permits from state and federal regulatory agencies such as:

- U.S. Army Corps of Engineers (pursuant to Section 404 of the Clean Water Act)
- Regional Water Quality Control Board (NPDES permit; meeting Porter-Cologne Act requirements; Section 401 certification)
- California Department of Fish and Wildlife (Stream bed Alteration Agreement)
- California Environmental Protection Agency, Department of Toxic Substances Control (Site Assessment / Remedial Action Plan)
- Kern County Air Pollution Control District (KCAPCD)

The City has engaged in preliminary discussions with the Lahontan Regional Water Quality Control Board regarding project planning, implementation, and permitting. The Lahontan Regional Water Quality Control Board submitted comments on the existing EIR in 2016 and has provided notice to the City to proceed with planning and implementation of the recycled water project. At this time, the Lahontan Regional Water Quality Control Board has made no objections and raised no significant concerns regarding implementation of the Recycled Water Project.

4.0 SCOPE OF WORK AND DELIVERABLES

IWVGA's proposed Project includes the following two (2) Components:

- Component 1 – Grant Administration
- Component 2 – Water Supply Augmentation projects

Each Component and its associated budget category and Task is described in detail below.

COMPONENT 1 - GRANT ADMINISTRATION

CATEGORY (A), TASK 1: INVOICING AND REPORTING

Grant management tasks, including compliance with all grant agreement requirements, will occur. Supporting grant agreement documents such as quarterly invoices and progress reports will be prepared and submitted to DWR to report on the status of all grant-related GSP implementation tasks. Stakeholder coordination and outreach will occur to inform the public on the key milestones and tasks associated with successful GSP implementation.

Project Deliverables (Estimated 0% Completed)

Quarterly invoicing and progress reports will be submitted as project deliverables, as well as completion reports and any other reporting requirements as specified in the grant agreement. Documentation of stakeholder outreach efforts will be provided in quarterly progress reports.

COMPONENT 2 – WATER SUPPLY AUGMENTATION PROJECTS

CATEGORY (A), TASKS 1, 2, & 3: COMPONENT MANAGEMENT

Project management tasks, including status updates, budget tracking, and reporting, will occur for each of the three (3) Category (B) Tasks listed above. General coordination between DWR, IWVGA staff, consultants/contractors, and other partnering agencies will occur to facilitate efficient completion of all grant Tasks.

Project Deliverables (Estimated 0% Completed)

None.

CATEGORY (B), TASK 1: IMPORTED WATER SUPPLY ALTERNATIVES ANALYSIS

In its GSP, the IWVGA identified two (2) imported water project options that are conceptually feasible for potential implementation of imported water delivery to the Basin. The GSP included a preliminary Imported Water Technical Memorandum (completed with Proposition 1, Round 2

funding) that was prepared to identify and characterize the conceptual feasibility of imported water opportunities throughout California. The Technical Memorandum provided a preliminary analysis of the institutional and legal constraints for obtaining imported water supplies for the IWVGA, as well as minor technical and financial analysis of the more feasible opportunities. The objective of this task is to further evaluate and analyze the two imported water project options identified in the IWVGA's GSP. This task intends to build upon the Technical Memorandum and develop a more detailed technical and financial analysis of imported water project facilities and operations for the two imported water project options in the GSP (and potentially any other options). Upon completion of this task, the IWVGA will be provided a recommendation as to the most feasible and cost-effective imported water project option, and may accordingly initiate design, permitting, and right-of-way associated with the recommended option.

SCOPE OF WORK

Task 1a – Establish and Coordinate with Imported Water Working Group

To maintain public transparency and involvement, the IWVGA will establish a working group to provide project oversight and stakeholder engagement opportunities during evaluation of the two imported water project options. The working group will consist of public representation by major stakeholder groups and will function with full dedication towards the planning and implementation efforts of an imported water project for the Basin. In conjunction with the IWVGA's WRM, legal staff, and water marketing consultant (currently the Capitol Core Group), the working group will support and occasionally direct efforts to review the imported water project options, negotiate with potential project partner agencies, and obtain outside funding. The working group (with Capitol Core Group) may arrange meetings with major water suppliers who may have access to long-term water supplies for the IWVGA. These suppliers may include State Water Project contractors, Central Valley Project contractors, districts with access to pre-1914 water rights in California with the ability to wheel excess water, large farming operations/private organizations with excess water entitlement, and/or organizations with banked water supplies across the state. The working group meeting outcomes will be coordinated and addressed by the IWVGA's WRM and legal staff.

Task 1b – Project Alternatives Analysis

Several potential options for obtaining imported water supplies have been previously identified in an Imported Water Technical Memorandum, and two of the most feasible options were included in the GSP. The IWVGA's WRM will conduct a project alternatives analysis on a technical and financial level to determine the more feasible and cost-effective of the two options for obtaining imported water supplies. The alternatives analysis will include a detailed technical analysis of the project facilities and operations required for the two imported water project options (and any others presented by the working group). The analysis will also include a review of historical and projected future available capacity at the point of connection with each potential transfer partner. Alternative pipeline routes with consideration of right-of-way, topography, hydraulics, environmental issues, and cost will be reviewed, and potential delivery points for new imported water supplies, such as surface spreading grounds, injection, and integration into local water systems, will be evaluated. Storage needs will be evaluated for all potential delivery points. Water quality of potential imported water sources will be reviewed and compared to existing water quality in the Basin as well as water quality standards established in the Water Quality Control Plan for the Lahontan Regional Water Quality Control Board.

The IWVGA will also determine the need for any additional basin modeling and/or field work to verify the feasibility of the potential delivery points. For example, SkyTEM data that has recently become available since GSP adoption may need to be integrated into the existing Basin model for further evaluation of viable recharge locations. Additionally, soil borings and pilot recharge studies may be required in various regions of the Basin to determine the most suitable locations for recharge and/or injection points.

Task 1c – Evaluate Infrastructure Funding Sources

The IWVGA with assistance from its consultants will identify and evaluate various potential funding sources in order to offset some of the infrastructure costs associated with delivering imported water to the Basin. Potential sources of funding at the local, state, and federal levels of government may include federal government appropriations from the U.S. Navy/Department of Defense, U.S. Bureau of Reclamation, or other sources, as well as state monies from the Greenhouse Gas Emissions reduction fund, additional Proposition 1/68 grants, and other possible state appropriations/grants. These potential funding sources will be compiled into a strategic plan that will outline the proposed tasks to attempt to secure these potential revenues.

Task 1d – Development of Technical Memorandum

A technical memorandum will be prepared supplementing the imported water Technical Memorandum provided in the GSP to develop a more detailed technical and financial analysis of imported water project facilities and operations for the two imported water project options in the GSP (and potentially any other options). The technical memorandum will be provided with a recommendation on the more feasible and cost-effective imported water project option of the two options discussed in the GSP. The technical memorandum will serve as the basis for initiating design, permitting, and environmental compliance after the grant period.

Project Deliverables (Estimated 0% Completed)

A technical memorandum will be provided with a recommendation on the more feasible and cost-effective imported water project option of the two options discussed in the GSP. The technical memorandum will serve as the basis for initiating future design and environmental compliance. A strategic plan will be prepared to secure potential funding sources for infrastructure costs.

CATEGORY (B), TASK 2: RECYCLED WATER USE ALTERNATIVES ANALYSIS

The City of Ridgecrest currently operates a wastewater treatment facility (WWTF) achieving secondary treatment of wastewater received from the City's residents and from the Naval Air Weapons Station China Lake. The City has retained a consultant to manage the design and construction of a new WWTF with expanded treatment capacity and new secondary treatment facilities (see Task 3 below). The IWVGA, in partnership with the City of Ridgecrest, has recently adopted a Recycled Water Program in which the IWVGA (through Program participants) will provide funding for design and construction of tertiary, and possibly advanced, treatment facilities for the City's new WWTF. The IWVGA would then purchase recycled water from the City and provide the recycled water for beneficial use among Program participants. The objective of this task is to perform an alternatives analysis of the potential future beneficial uses of recycled water in the Basin.

SCOPE OF WORK**Task 2a – Coordination with City of Ridgecrest and Program Participants**

The IWVGA will coordinate with the City of Ridgecrest during preparation of the beneficial use alternatives analysis (see Task 2b). As discussed above, the City's current efforts to design and construct a new, expanded WWTF include only secondary treatment. An IWVGA project consisting of beneficial use of recycled water will require further upgrades to the secondary-level WWTF, either with tertiary treatment facilities or full advanced treatment (FAT) facilities. The IWVGA will regularly coordinate with the City during preparation of the beneficial use alternatives analysis to discuss treatment and permitting requirements for the potential options for the final recycled water project, as well as administration of the IWVGA's Recycled Water Program.

Task 2b – Beneficial Use Alternatives Analysis

The recycled water project described in the IWVGA's GSP prioritized replacement of existing uses of groundwater (i.e. for landscape irrigation) as the primary focus for recycled water applications. The IWVGA will conduct an alternatives analysis to evaluate the potential future uses of recycled water in the Basin with priority being given to those uses that achieve the highest and most cost-effective benefits towards sustainably managing the Basin sustainable yield and reducing imported water requirements. The alternatives analysis will first determine the firm quantity of future recycled water available from the City's WWTF, with consideration of the City's current and future commitments to providing recycled water (including Navy golf course irrigation and habitat maintenance for the nearby endangered Mojave Tui Chub).

The benefits of each potential future use to reduce imported water requirements and minimize facility/operations costs will be quantified. The potential future uses of recycled water include landscape Irrigation, surface spreading, deep injection, and direct use (such as for the industrial processes at Searles Valley Minerals). The facilities needed for each alternative potential use of recycled water will be determined and described. The capital and operations cost of the facilities required for each potential use will be identified and compared.

Task 2c – Development of Technical Memorandum

A technical memorandum will be prepared supplementing the recycled water Technical Memorandum provided in the GSP to describe the analysis conducted in Task 2b and the results of the analysis for each alternative. The technical memorandum will provide a recommendation on the most beneficial and cost-effective use of recycled water in the Basin. The technical memorandum will serve as the basis for initiating design and environmental compliance/permitting for facilities for post-secondary treatment and future recycled water conveyance and use.

Project Deliverables (Estimated 5% Completed)

A technical memorandum will be provided describing the analysis conducted in Task 2b, the results of the analysis for each alternative, and a recommendation on the most beneficial and cost-effective use of recycled water. The technical memorandum will serve as the basis for initiating preliminary design and environmental compliance/permitting for facilities for post-secondary treatment and future recycled water conveyance and use.

CATEGORY (B), TASK 3: RECYCLED WATER PROJECT PHASE 1: TREATMENT DESIGN

The City of Ridgecrest (City), a member agency of the IWVGA, operates the wastewater collection, treatment, and disposal facilities that serve the Ridgecrest community and China Lake Naval Air Weapons Station (NAWS). The City's existing WWTF is located on the China Lake NAWS base, roughly 3.5 miles northeast of the City center. The WWTF was originally constructed in 1946, upgraded in the 1970's, and is currently operating beyond its expected life, except for the WWTF headworks which was upgraded in 2006. In October 2015, the City completed a Draft Facility Plan report for a two-phase WWTF upgrade and expansion project including oxidation ditch secondary treatment and effluent disposal to both existing and new facilities. The City prepared and certified an Environmental Impact Report for California Environmental Quality Act (CEQA) compliance as well as a 30% design for a new WWTF in 2016.

Since 2016, the City has re-evaluated the original project goals and objectives, primarily due to participation in the IWVGA's GSP and the existence of potential customers for recycled water. It is the City's goal to proceed with the most cost-effective treatment plant upgrade and expansion possible. The IWVGA and the City have executed an option agreement for the IWVGA to purchase recycled water from the City. In addition, the IWVGA has established a Recycled Water Program for the purpose of putting recycled water obtained from the City to beneficial uses within the Basin. The objective of this task is to complete planning and design of improvements to the City's existing WWTF in order to provide recycled water in the future. The ultimate 5.9 million gallon per day (MGD) secondary WWTF will be constructed and implemented in phases. Phase 1a construction will result in a maximum month flow design capacity of 4.0 MGD, and an additional 1.9 MGD will be added in Phase 1b. **The planning and detailed design of the Phase 1a facilities are the focus of this proposed Project**; expansion to the Phase 1b facility will occur in the future. As the largest industrial customer within the City's wastewater service area, and as the property owner where the new WWTF will be located, the U.S. Navy will be involved as a project stakeholder during the project planning, design, and permitting activities.

SCOPE OF WORK**Task 3a – Project Management Support**

The City has hired a consulting firm, MKN Associates (Project Manager), to provide general project management support services for the recycled water project. The Project Manager will provide overall project scheduling, budget tracking, and coordination/reporting with the City. The Project Manager will coordinate the procurement process for project consultants (discussed further below). The Project Manager will develop Requests for Proposals (RFPs), respond to Requests for Information (RFIs) and issue addenda as needed, review proposals, coordinate City review and interview processes, negotiate scope and budget with the preferred consultants, prepare staff reports and recommendations for City Council, and coordinate with potential proposers. Coordination efforts will also include outreach to the Department of the Navy.

Task 3b – CEQA Compliance

The City will retain the services of an Environmental Consultant to provide all services necessary to comply with CEQA as relating to the recycled water project. The Environmental Consultant will prepare an appropriate CEQA document (e.g. addendum or supplement to the existing EIR) to

be determined after initial consultation with the Navy and water purveyors. The Environmental Consultant will participate in coordination with City staff and consultants to develop appropriate alternatives to the recycled water project to be included in the environmental documentation. Additional coordination with other responsible and interested agencies, including (but not limited to) the Navy, water purveyors, and the Lahontan Regional Water Quality Control Board (RWQCB), will occur. The Environmental Consultant will coordinate and participate in mandated public noticing efforts under CEQA (if applicable) as well as presentations to the City Council and other agencies as appropriate. Preparation of environmental studies required for an application for the Clean Water State Revolving Fund (CWSRF) program will be performed.

Task 3c - Design

The Design Consultant will prepare construction plans and specifications and provide (4) design progress submittals. An opinion of probable construction costs will be prepared to accompany each submittal. The Design Engineer will also prepare a Report of Waste Discharge (ROWD) for the recycled water project to request Waste Discharge Requirement Orders (and a National Pollutant Discharge Elimination System [NPDES] permit if any waterway discharges are part of the recycling effort) and submit the ROWD to the RWQCB. The ROWD will include a summary of water supply (quality and source), wastewater flows and characteristics, treatment process components, monitoring and alarms, reliability features, solids handling, and the treated effluent reuse strategy. The Design Engineer will also prepare a Title 22 Report for review by the RWQCB and the Division of Drinking Water. The Title 22 Report will include reclamation opportunities that are identified during stakeholder coordination efforts; recycled water project design criteria; responsible parties for production, delivery, and use; and a WWTF description, monitoring program, transmission system components, use area and type, setbacks, signage, training, contingency plan, and reliability features.

At the request of the Navy during easement agreement negotiations, the Design Consultant will prepare an alternatives evaluation to compare various treatment options that may enhance or improve water reuse opportunities and energy efficiency/generation. The alternatives evaluation will include conventional activated sludge with anaerobic digestion and cogeneration of heat and power from biosolids. The alternatives evaluation will also include filtration and ultraviolet light disinfection to reduce trihalomethane formation potential and improve opportunities for reuse. A separate consultant will be retained to conduct constructability reviews and value engineering.

Task 3d - Permitting Applications and Negotiation

A variety of permits from state and federal resource and regulatory agencies will be required. Any discharge into a waterway as part of a reclamation effort will require compliance with RWQCB Waste Discharge regulations. Depending on the nature of the activity, the recycled water project may also require a Streambed Alteration Agreement from the State Department of Fish and Wildlife, a Section 404 permit pursuant to the Clean Water Act from the U.S. Army Corps of Engineers, and a Section 401 certification from the RWQCB.

Key permitting agencies for this project may include the U.S. Army Corps of Engineers (pursuant to Section 404 of the Clean Water Act); Regional Water Quality Control Board regarding NPDES permits, compliance with Porter-Cologne Act requirements, and Section 401 certification; California Department of Fish and Wildlife regarding a potential Streambed Alteration Agreement;

California Environmental Protection Agency, Department of Toxic Substances Control regarding a Site Assessment / Remedial Action Plan; and the Kern County Air Pollution Control District (KCAPCD). These agencies will use the final CEQA document prepared under Task 3b to assist in their permitting processes. The schedule assumes that resource and regulatory agencies engage in a timely review within their permitting processes. Although the permitting process for these actions may be initiated during the CEQA process, their completion will depend to a large extent on agency evaluation and acceptance of the final environmental document.

Task 3e – Rate Study and Financial Plan

The City will procure the services of a rate study Consultant to develop financial projections and sewer rate recommendations for the Phase I recycled water project. The rate study consultant will review and analyze project alternatives and the associated capital and operating costs and financing options in coordination with the City and Project Manager. 10-year financial plans and sewer rate recommendations corresponding to the various project alternatives will be developed. The findings, project and financing alternatives, and financial/sewer rate projections for each project alternative will be summarized in a report and presented at City Council and committee meetings. The rate study Consultant will also assist the City with preparation of CWSRF program financial packages for loan applications and assist the City with the sewer rate adoption process.

Task 3f – Grant and Loan Application Support

The City has completed and submitted the General Information portion of an application package for a loan under the CWSRF program administered by the State Water Resources Control Board (SWRCB). The Project Manager will assist the City with evaluating and pursuing additional funding opportunities (including those through the CWSRF) for the recycled water project. The Project Manager will research current state and federal grant and loan opportunities for recycled water projects and provide the City with a summary of findings. The Project Manager will also develop a list of City information needs and lead development of the funding application packages. City staff will complete financial application packages required. Once the preferred programs are identified, program requirements will be evaluated, and recommendations will be developed for completing the applications efficiently.

Task 3g – Pretreatment Program Development and Implementation

The City will retain the services of a Pretreatment Program Consultant to develop a local pretreatment program to permit treatment of wastewater from China Lake NAWS and from any other potential industrial users in the WWTF service area. The City's Pretreatment Program Consultant will review the City's Sewer Use Ordinance to ensure that it meets the legal authority requirements outlined in 40 CFR 403.8(f)(1). The ordinance will also be compared to the U.S. Environmental Protection Agency (EPA) Legal Authority Review Checklist used by EPA and RWQCBs to evaluate Pretreatment Ordinances. The final Sewer Use Ordinance will address permitting of non-domestic discharges, prohibited discharges, and enforcement procedures.

The Pretreatment Program Consultant will develop an industrial user (IU) questionnaire template and permits for the China Lake NAWS and any other industrial facilities that must be regulated in the City's service area to guide development of the requirements in the IU permits such as discharge restrictions, monitoring and reporting frequency, etc. The Pretreatment Program

Consultant will ensure that the IU permits meet federal requirements (403.8(f)(2)) and reflect the actual day-to-day operation of the City's pretreatment program. The City will develop local limits for industrial pollutants for environmental compliance at its WWTF and for the protection of its wastewater system, City staff, and the public. The Pretreatment Program Consultant will review applicable regulations and existing sampling results and prepare a technical memorandum providing the information needed for local limit development: pollutants to be monitored, sampling locations, sampling schedule, sampling and analysis procedures, and QA/QC procedures. Based on the memo recommendations, the City will prepare a Local Limits Report to establish requirements for sampling, laboratory analysis, and industrial permit requirements.

An Enforcement Response Plan (ERP) will be developed with detailed procedures for investigating and responding to instances of non-compliance. Additionally, the Pretreatment Program Consultant will consult with the RWQCB, the SWRCB, and the EPA Region 9 Pretreatment Office as needed during development of appropriate permitting requirements for the China Lake NAWS and for regulatory review of the revised Sewer Use Ordinance and ERP.

Project Deliverables (Estimated 5% Completed)

- Task 3a – Project Management Support
 - RFPs for additional City consultants, City Council presentations, and staff reports
- Task 3b – CEQA Compliance
 - Appropriate CEQA document (addendum or supplement to existing EIR)
 - Environmental studies required for CWSRF program application
- Task 3c - Design
 - Construction plans and specifications
 - Design progress submittals (Preliminary engineering report with updated 30% design, 60% design , 95% design, & Final Design)
 - Report of Waste Discharge to request Waste Discharge Requirement Orders and (if necessary) a NPDES permit
 - Title 22 Report for reclamation
- Task 3d – Permitting Applications and Negotiation
 - Copies of permit applications and documents, such as a Streambed Alteration Agreement with the State Department of Fish & Wildlife, a Section 404 permit from the U.S. Army Corps of Engineers, and a Section 401 certification from the RWQCB
- Task 3e – Rate Study and Financial Plan
 - Report summarizing findings, project and financing alternatives, and financial and rate projections supporting each project alternative
- Task 3f – Grant and Loan Application Support
 - Copies of completed grant/loan applications
- Task 3g – Pretreatment Program Development and Implementation
 - Technical memo to inform development of local limits for industrial pollutants
 - Local Limits Report for industrial pollutants
 - Enforcement Response Plan for Pretreatment Program

5.0 MISCELLANEOUS PROJECT SUPPORT

The IWVGA's proposed Project has received support from local entities within the Basin. As discussed previously, letters of support for GSP development and implementation efforts have been provided by several stakeholders, including representatives from Underrepresented Communities and are included in Attachment 3-2. **As discussed above and in Attachment 6 ("Local Cost Share Waiver or Reduction Justification), due to COVID-19 conditions and the holiday seasons, some letters of support for the proposed Project were unable to be prepared to include in time for the January 8, 2021, deadline for this grant application. Copies of these letters of support from stakeholders and Underrepresented Communities will be provided to DWR staff upon receipt.**

A further discussion of support from the local entities within the basin is provided below.

As the GSA for the Basin, the IWVGA receives input from a wide range of water users through the Policy Advisory Committee (PAC). Pursuant to Article 5.7 of the "Bylaws of the Indian Wells Valley Groundwater Authority" (Bylaws), dated May 18, 2017, the voting members of the PAC include water users from the following:

- 2 representatives from Large Agriculture
- 1 representative from Small Agriculture
- 2 representatives from Business Interests
- 2 representatives from Domestic Well Owners
- 2 representatives from residential customers of a public agency water supplier
- 1 representative from Eastern Kern County Resource Conservation District
- 1 representative from Wholesaler and Industrial User

In addition, the Bylaws require at least one of the appointed voting PAC members shall also represent Disadvantaged Communities. A copy of the Bylaws is provided in Attachment 6 ("Local Cost Share Waiver or Reduction Justification"). During an IWVGA Board meeting on July 20, 2017, the Board approved Resolution 08-17 to add the Inyokern Community Services District as a voting member to the PAC as a DAC representative. A copy of the Resolution is provided in Attachment 6. The Inyokern Community Services District provides water service to the census designated place of Inyokern, which is comprised of DACs. In addition, during a PAC meeting on September 13, 2017, the PAC resolved to request the IWVGA Board to add the community of Trona as second DAC representative voting member to the PAC. A copy of the PAC meeting minutes from September 13, 2017 is also provided in Attachment 6.

The Board, TAC, and PAC meetings are open to members of the public, including representatives of all types of water users and including Underrepresented Communities. All IWVGA meeting materials (including agendas, minutes, resolutions, ordinances, presentations, and packages) are available to the public at the following IWVGA website: <https://iwvga.org/>

Communication with Beneficial Users of Groundwater

During the formation of the IWVGA, a comprehensive listing of interested parties (including name, email, and phone number) was developed. The listing includes local community residents

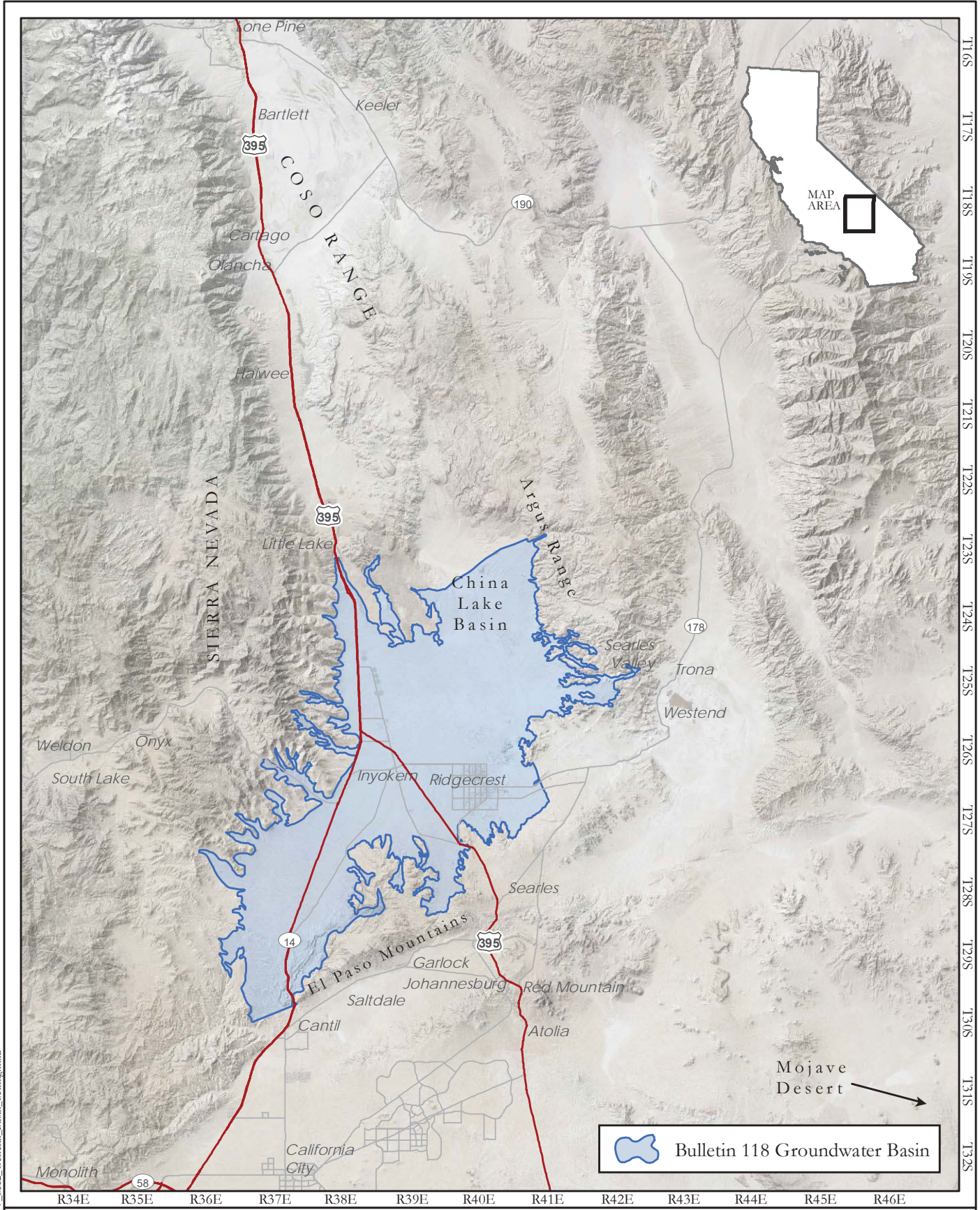
(including Underrepresented Communities), businesses, large and small-scale agriculture, academic institutions, relevant state and local agencies, federal agencies, non-profit organizations, and community organizations. This listing of over 150 stakeholders includes representatives from all types of water users within the Basin and was used during the 17-month long GSA formation process for notification of public meetings, notifications, and updates related to discussions on the SGMA. Use of this stakeholders listing has continued during the development and implementation of the GSP.

The Domestic Well Owners Association distributes a monthly (sometimes more frequent) summary publication titled the “Indian Wells Valley Well Owners and Concerned Citizens Update” which provides Indian Wells Valley citizens, including the Domestic Well Owners, with current information regarding groundwater supply and well issues.

The IWVGA Board, TAC, and PAC meetings are also regularly attended by members of two Ridgecrest news organizations: the Ridgecrest Daily Independent and the Ridgecrest News Review. News articles regarding key discussions at these public meetings are regularly published and allow for dissemination of Project information to an audience that did not attend the public forums in person.

Underrepresented Communities are located within the Basin and include portions of the City of Ridgecrest and all or portions of the census designated places of China Lake Acres, Inyokern, and Pearsonville; and the unincorporated community of China Lake. The proposed Project includes outreach and support to Underrepresented Communities within the Basin and the vicinity. Basin overdraft and the need to bring the basin into a sustainable balance are critical water supply issues Underrepresented Communities that the proposed Project will address. A further discussion regarding outreach and support to Underrepresented Communities is provided in Attachment 6 (“Local Cost Share Waiver or Reduction Justification”).

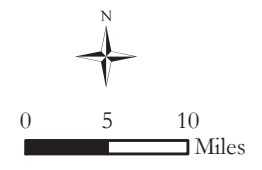
ATTACHMENT 3-1
ADDITIONAL FIGURES

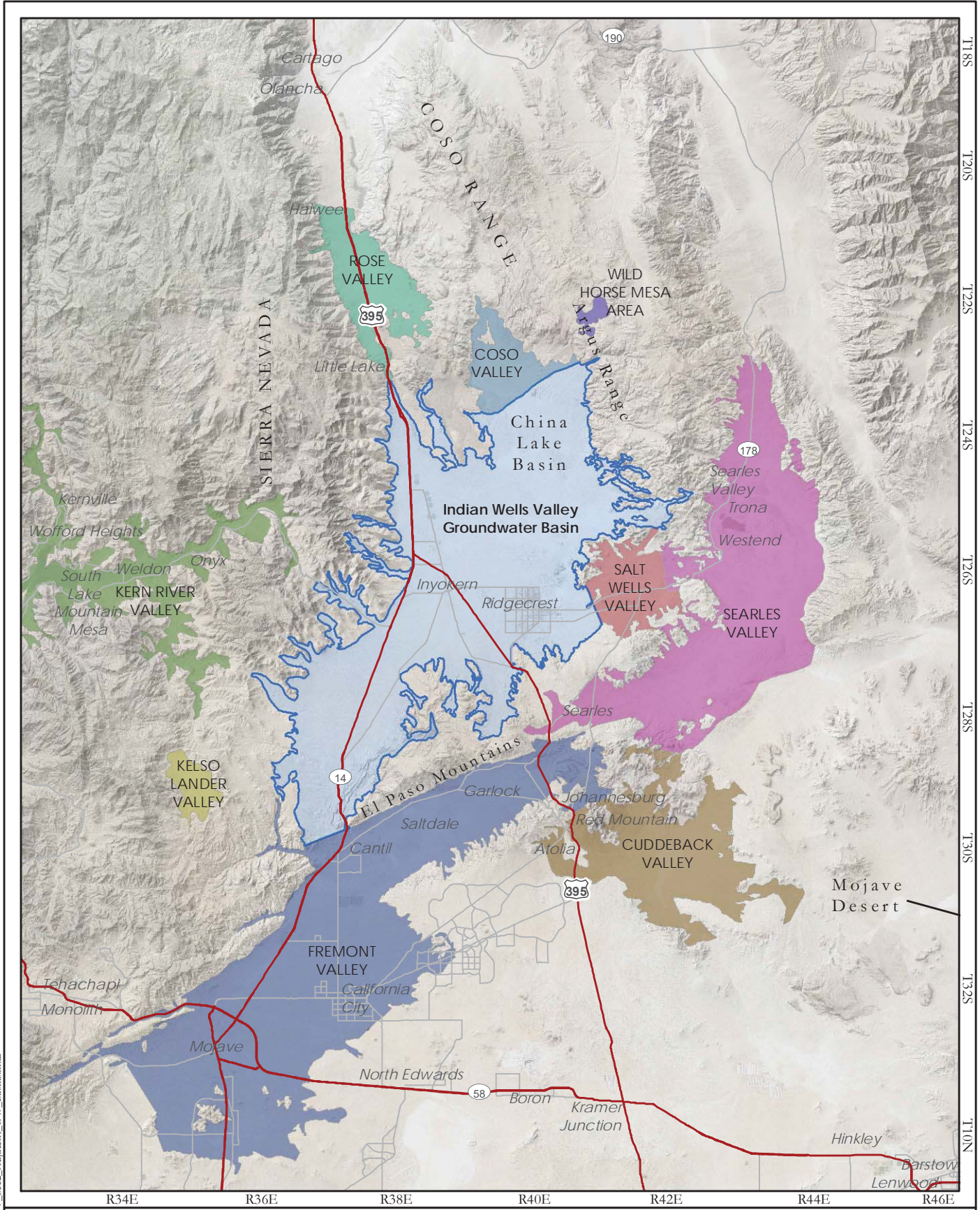


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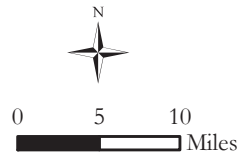


GENERAL BASIN SETTING
INDIAN WELLS VALLEY GROUNDWATER BASIN
 (DWR BULLETIN 118 BASIN NO. 6-054)

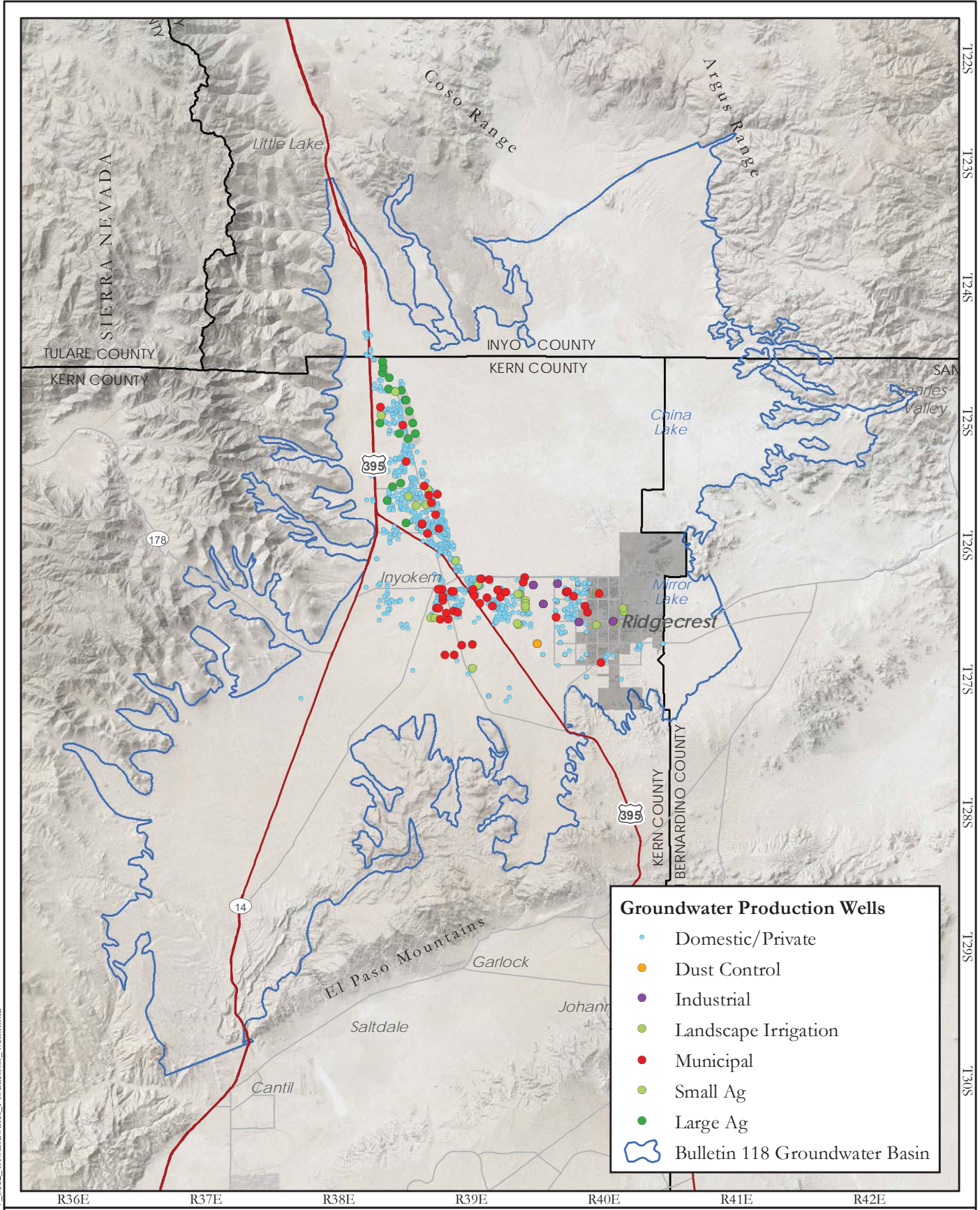




**ADJACENT AND NEIGHBORING GROUNDWATER BASINS
INDIAN WELLS VALLEY GROUNDWATER BASIN**



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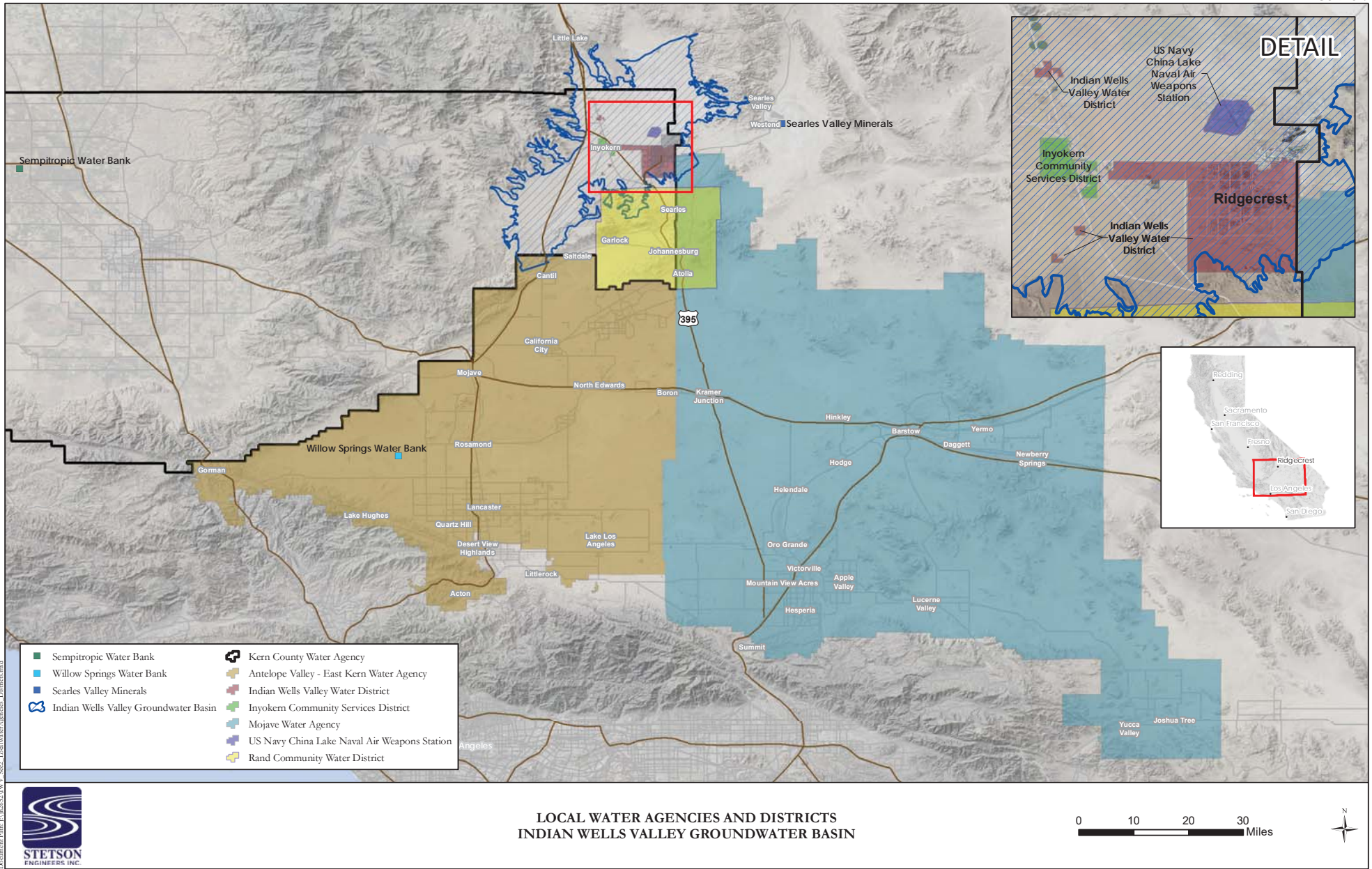


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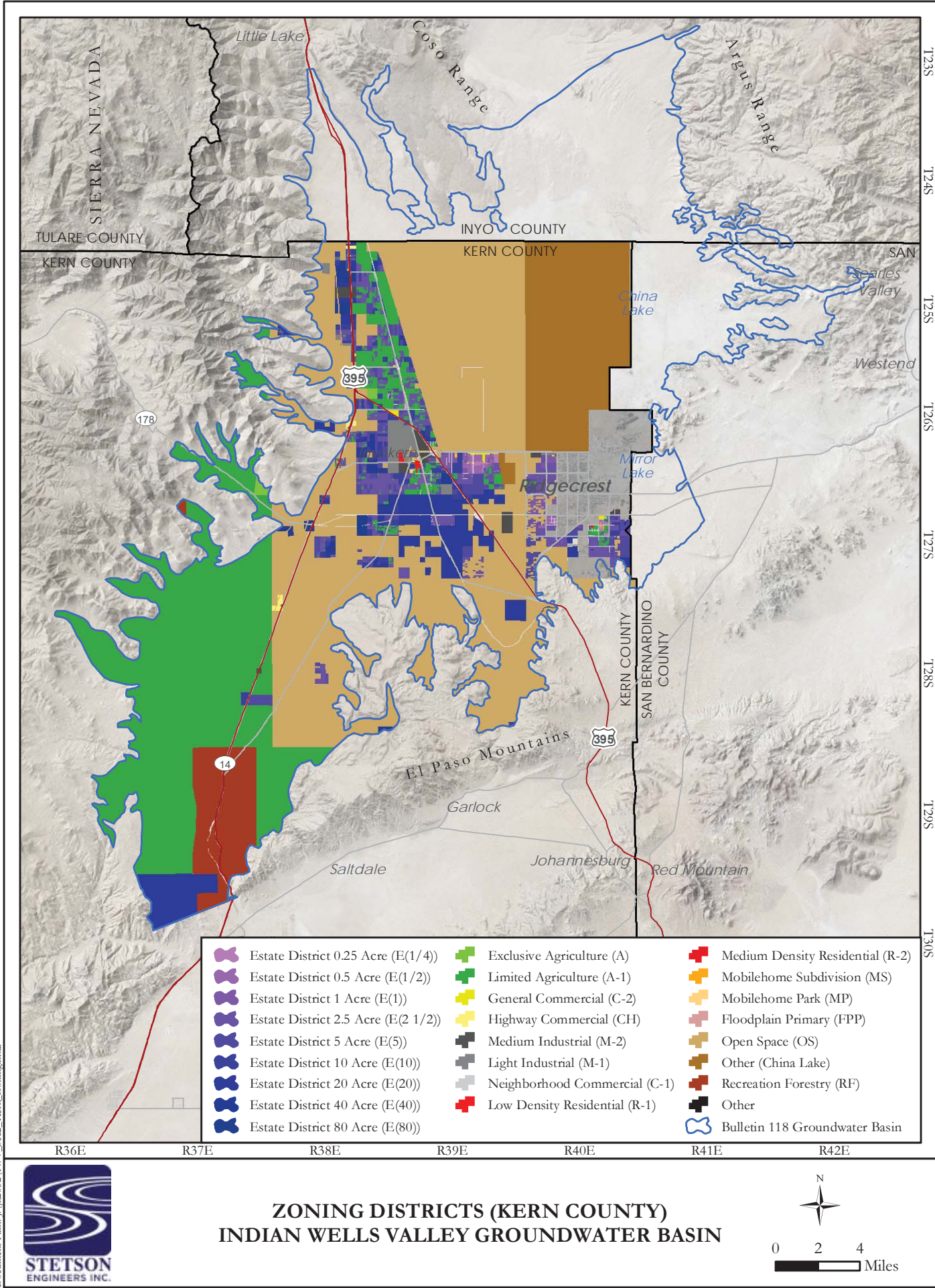


**LOCATIONS OF KNOWN
GROUNDWATER PRODUCTION WELLS
INDIAN WELLS VALLEY GROUNDWATER BASIN**





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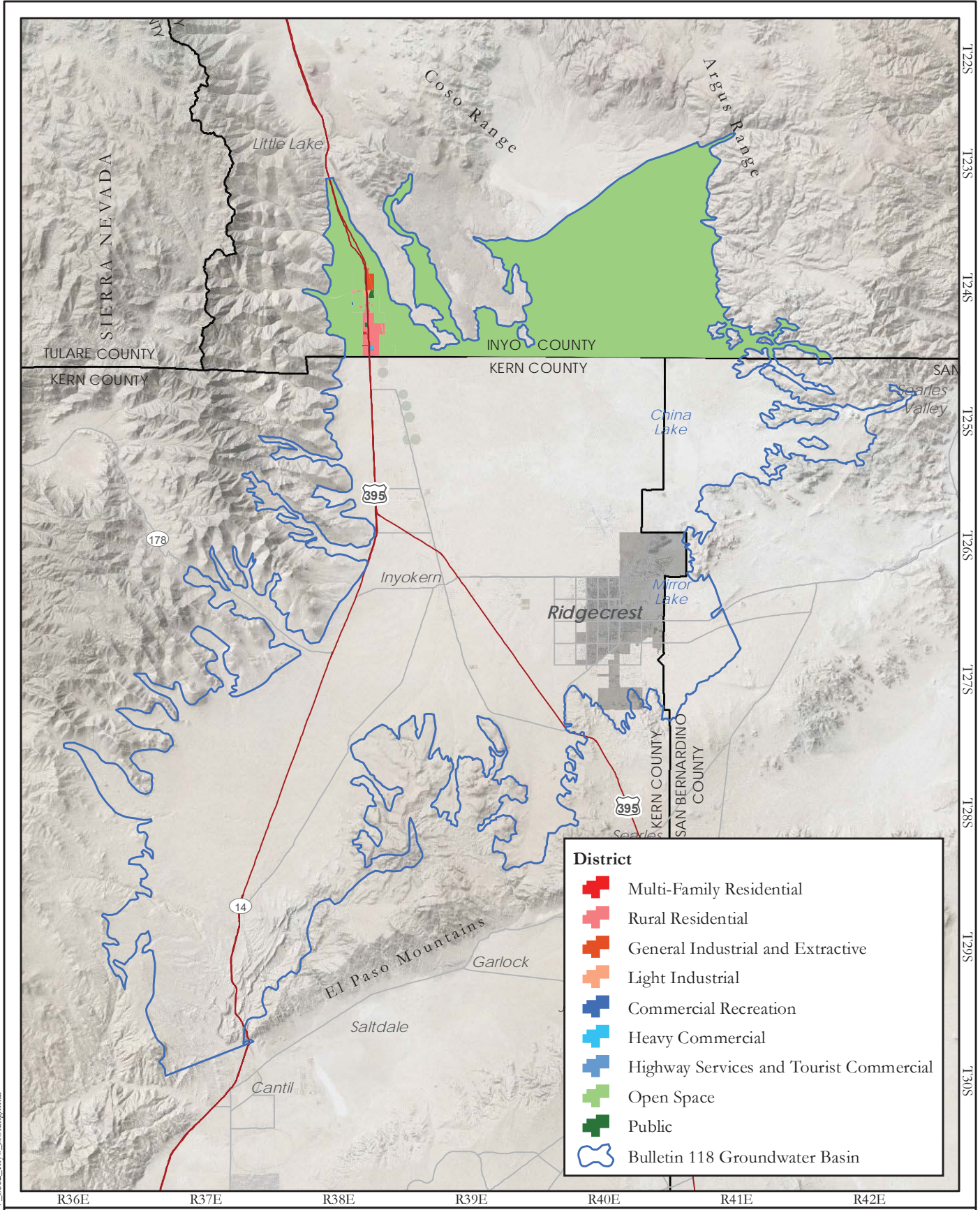


	Estate District 0.25 Acre (E(1/4))		Exclusive Agriculture (A)		Medium Density Residential (R-2)
	Estate District 0.5 Acre (E(1/2))		Limited Agriculture (A-1)		Mobilehome Subdivision (MS)
	Estate District 1 Acre (E(1))		General Commercial (C-2)		Mobilehome Park (MP)
	Estate District 2.5 Acre (E(2 1/2))		Highway Commercial (CH)		Floodplain Primary (FPP)
	Estate District 5 Acre (E(5))		Medium Industrial (M-2)		Open Space (OS)
	Estate District 10 Acre (E(10))		Light Industrial (M-1)		Other (China Lake)
	Estate District 20 Acre (E(20))		Neighborhood Commercial (C-1)		Recreation Forestry (RF)
	Estate District 40 Acre (E(40))		Low Density Residential (R-1)		Other
	Estate District 80 Acre (E(80))				Bulletin 118 Groundwater Basin



**ZONING DISTRICTS (KERN COUNTY)
INDIAN WELLS VALLEY GROUNDWATER BASIN**

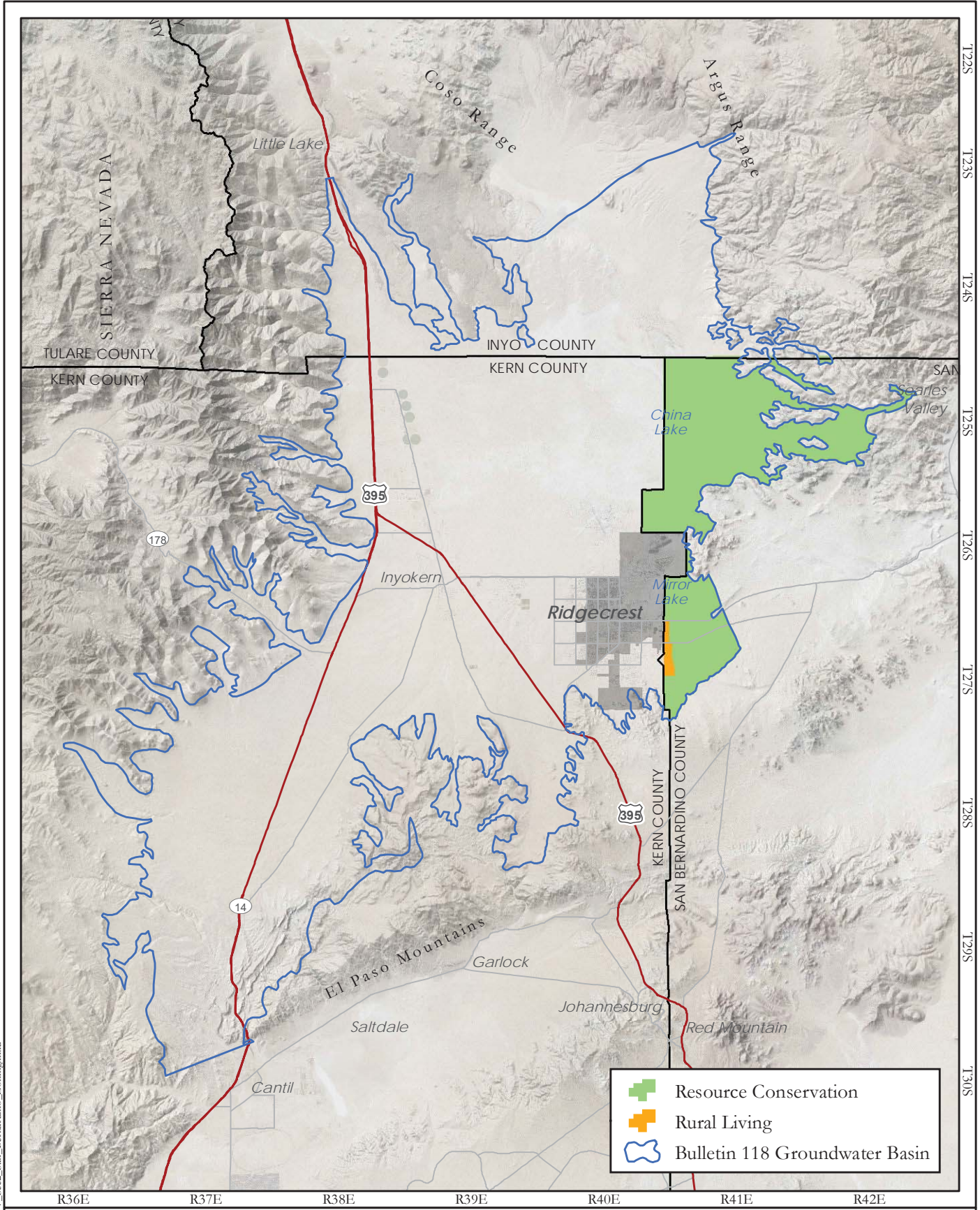




**ZONING DISTRICTS (INYO COUNTY)
INDIAN WELLS VALLEY GROUNDWATER BASIN**



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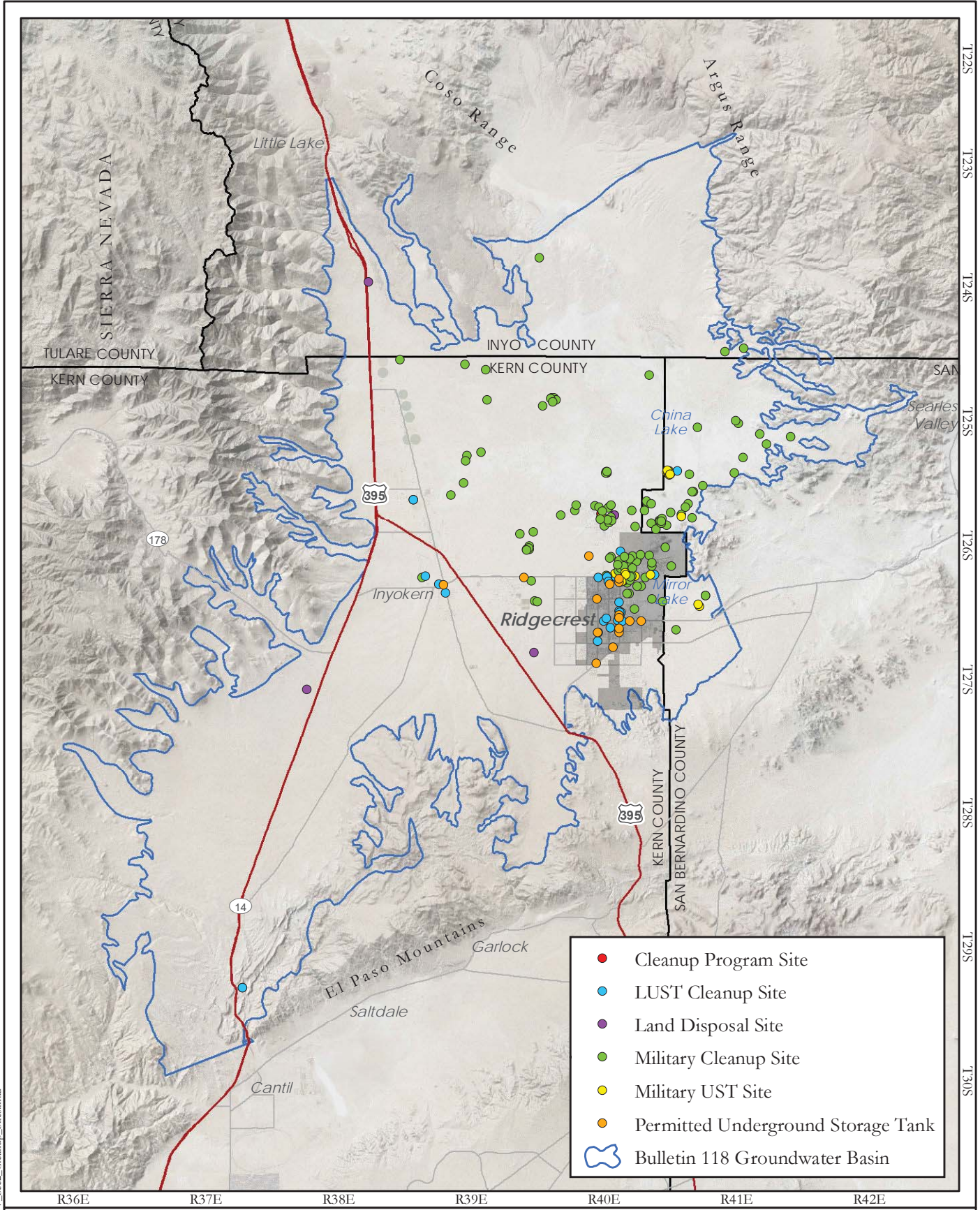


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**ZONING DISTRICTS (SAN BERNARDINO COUNTY)
INDIAN WELLS VALLEY GROUNDWATER BASIN**

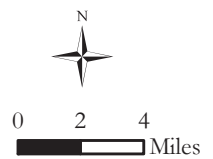




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**LOCATIONS OF
GROUNDWATER CONTAMINATION CLEANUP SITES
INDIAN WELLS VALLEY GROUNDWATER BASIN**



INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 3-2

LETTERS OF SUPPORT FROM STAKEHOLDERS AND UNDERREPRESENTED COMMUNITIES



INDIAN WELLS VALLEY WATER DISTRICT



BOARD OF DIRECTORS

Chuck Griffin, President
David Saint-Amand, Vice President
Chuck Cordell
Stan Rajtora
Mallory Boyd

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

January 7, 2021

Mr. Steve Johnson
c/o Stetson Engineers, Inc.
861 S. Village Oaks Drive, Suite 100
Covina, CA 91724

Re: Proposition 68 Grant Application

Dear Mr. Johnson,

The California Department of Water Resources is making available through Proposition 68, Round 1 funding for projects related to the implementation of a Groundwater Sustainability Plan. I am submitting this letter on behalf of the Board of Directors of the Indian Wells Valley Water District ("District") to express support for the application Stetson Engineers is preparing to submit on behalf of the Indian Wells Valley Groundwater Authority ("Authority") for Proposition 68, Round 1 funding.

The District represents nearly 30,000 people and is one of five voting general members of the Authority Board. The District also assists the Authority through representation and participation on both the Policy and Technical advisory committees. The Indian Wells Valley basin has been categorized by the Department of Water Resources (DWR) as a high priority basin in critical overdraft due to chronically declining groundwater levels. As such, the Authority submitted a Groundwater Sustainability Plan (GSP) to DWR for review and approval January 31, 2020. The funding obtained through this grant would allow the Authority to maintain current efforts to implement projects associated with the Groundwater Sustainability Plan. The proposed projects include an imported water project alternatives analysis, a recycled water beneficial use analysis, and Phase I (treatment design) of a future recycled water project.

The District is appreciative of the efforts Stetson has made to date working with local stakeholders to develop the GSP and looks forward to continuing to work collaboratively to implement the plan.

Regards,


Chuck Griffin
Board President



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Ridgecrest Field Office
300 S Richmond Road
Ridgecrest, CA 93555
www.blm.gov/office/california-ridgecrest-field-office

January 6, 2021

Stephen Johnson
Stetson Engineers, Inc.

Re: Proposition 68, Round 1 grant

The Bureau of Land Management (BLM) administers 1.8 million acres of land within the Ridgecrest Field Office. The BLM is tasked with managing these public lands for multiple use while preserving natural resources for generations to come.

The Indian Wells Valley Groundwater Authority (IWVGA) developed a Groundwater Sustainability Plan (GSP) for the basin and the BLM has participated in this process with a representative on both the IWVGA board of directors and the Policy Advisory Committee. The BLM fully supports the IWVGA efforts to obtain grant funding to implement the GSP. This remains consistent with BLM's long-term goal to provide for multiple use with sustainable yield.

Respectfully,

Carl Symons
Field Manager

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

“ATTACHMENT TAB”

ATTACHMENT 4

BUDGET

1.0 BUDGET TABLES

The budget tables presented below are consistent with DWR's "Attachment 4 Budget – Templates" pursuant to the "Implementation Grants Proposals Solicitation Package", dated October 2020. The budget tables below present the costs associated with each task and subtask for the IWVGA's proposed Project as described in Attachment 3 "Work Plan". A description of how the budget cost estimates were derived is also provided below. It was determined that DWR Tables 6B and 7B would be incorporated into this Attachment because the IWVGA's proposed Project includes multiple components. Table 6B provides a summary of the grant proposal budget. Table 7B provides detailed budgets for the proposed Project components.

Local funding sources include the following sources: existing and potentially future groundwater pumping fees and assessments; in-kind attorney services; in-kind services from the IWVGA; the City of Ridgecrest wastewater enterprise (user rates and reserve funds); and other potential funding sources.

As shown in Table 6B, the proposed Project budget is approximately \$6,728,000 with a requested grant amount of \$5,000,000. Further breakdowns of the proposed Project budget are provided in Table 7B (Component 1 and Component 2).

It should be noted that the minimum cost share of 25% specified in the October 2020 Proposal Solicitation Package is shown in Tables 6B and 7B. However, the proposed Project is located within Underrepresented Communities and will benefit Underrepresented Communities (see Attachment 6 "Local Cost Share Waiver or Reduction Justification"). The IWVGA believes that the proposed Project is eligible for a cost share waiver, but at this time the IWVGA submits this grant application assuming a 25% cost share due to the current delay in receiving the mandatory five (5) letters of support from the local community (see Attachment 6 "Local Cost Share Waiver or Reduction Justification"). The IWVGA plans to submit to DWR the mandatory letters of support providing justification for cost share waiver as soon as the letters are prepared and delivered to IWVGA staff.

GRANT PROPOSAL SUMMARY BUDGET

Table 6B – Grant Proposal Summary Budget (Multiple Components)

Grant Proposal Title: Indian Wells Valley Groundwater Authority – GSP Implementation Projects for Water Supply Augmentation

Applicant: Indian Wells Valley Groundwater Authority

Grant proposal serves a need of an Underrepresented Community: Yes No Local Cost Share requested^A : 25% 15% 5% 0%

Budget Categories	(a) Requested Grant Amount	(b) Local Cost Share: Non-State Fund Source ¹	(c) Total Cost	(d) % Local Cost Share (Col (b)/ Col (c))
Component 1 Grant Administration	\$37,500	\$12,500	\$50,000	25%
Component 2: Water Supply Augmentation Projects	\$4,962,500	\$1,715,500	\$6,678,800	26%
Grand Total	\$5,000,000	\$1,728,000	\$6,728,000	26%

¹ Local funding sources include the following sources: existing and potentially future groundwater pumping fees and assessments; in-kind attorney services; in-kind services from the IWVGA; the City of Ridgecrest wastewater enterprise (user rates and reserve funds); and other potential funding sources.

^A See Attachment 4 “Budget” page 1, fourth paragraph.

PROPOSAL/COMPONENT DETAILED BUDGET

Table 7B – Proposal/Component Detailed Budget (Multiple Components)

Grant Proposal Title: Indian Wells Valley Groundwater Authority – GSP Implementation Projects
for Water Supply Augmentation

Applicant: Indian Wells Valley Groundwater Authority

Component Title: Component 1: Grant Administration

Budget Categories	(a) Requested Grant Amount	(b) Local Cost Share: Non-State Fund Source ¹	(c) Total Cost
(a) Grant Administration	\$37,500	\$12,500	\$50,000
Task 1. Reporting and Invoicing	\$37,500	\$12,500	\$50,000
Grand Total <i>Sum rows in Category (a) for each column</i>	\$37,500	\$12,500	\$50,000

¹ Local funding sources include the following sources: existing and potentially future groundwater pumping fees and assessments; in-kind attorney services; in-kind services from the IWVGA; the City of Ridgecrest wastewater enterprise (user rates and reserve funds); and other potential funding sources.

Table 7B – Proposal/Component Detailed Budget (Multiple Components)**Grant Proposal Title: Indian Wells Valley Groundwater Authority – GSP Implementation Projects for Water Supply Augmentation****Applicant: Indian Wells Valley Groundwater Authority****Component Title: Component 2: Water Supply Augmentation Projects**

Budget Categories	(a) Requested Grant Amount	(b) Local Cost Share: Non-State Fund Source ¹	(c) Total Cost
(a) Component Administration	\$15,000	\$5,000	\$20,000
Task 1. Imported Water Supply Alternatives Analysis Component Management	\$4,500	\$1,500	\$6,000
Task 2. Recycled Water Use Alternatives Analysis Component Management	\$4,500	\$1,500	\$6,000
Task 3. Recycled Water Project Phase 1: Treatment Design Component Management	\$6,000	\$2,000	\$8,000
(b) Planning / Design / Environmental	\$4,947,500	\$1,710,500	\$6,658,000
Task 1. Imported Water Supply Alternatives Analysis	\$138,750	\$46,250	\$185,000
<i>Task 1a. Establishment and Coordination with Imported Water Working Group</i>	<i>\$15,000</i>	<i>\$5,000</i>	<i>\$20,000</i>
<i>Task 1b. Project Alternatives Analysis</i>	<i>\$75,000</i>	<i>\$25,000</i>	<i>\$100,000</i>
<i>Task 1c. Evaluation of Infrastructure Funding Sources</i>	<i>\$11,250</i>	<i>\$3,750</i>	<i>\$15,000</i>
<i>Task 1d. Development of Technical Memorandum</i>	<i>\$37,500</i>	<i>\$12,500</i>	<i>\$50,000</i>
Task 2. Recycled Water Use Alternatives Analysis	\$105,000	\$35,000	\$140,000
<i>Task 2a. Coordination with City of Ridgecrest and Program Participants</i>	<i>\$15,000</i>	<i>\$5,000</i>	<i>\$20,000</i>
<i>Task 2b. Beneficial Use Alternative Analysis</i>	<i>\$60,000</i>	<i>\$20,000</i>	<i>\$80,000</i>
<i>Task 2c. Development of Technical Memorandum</i>	<i>\$30,000</i>	<i>\$10,000</i>	<i>\$40,000</i>
Task 3. Recycled Water Project Phase 1: Treatment Design	\$4,703,750	\$1,629,250	\$6,333,000
<i>Task 3a. Project Management Support</i>	<i>\$297,100</i>	<i>\$102,900</i>	<i>\$400,000</i>
<i>Task 3b. CEQA/NEPA Compliance</i>	<i>\$91,350</i>	<i>\$31,650</i>	<i>\$123,000</i>
<i>Task 3c. Design</i>	<i>\$3,936,500</i>	<i>\$1,363,500</i>	<i>\$5,300,000</i>
<i>Task 3d. Permitting Applications & Negotiation</i>	<i>\$74,300</i>	<i>\$25,700</i>	<i>\$100,000</i>
<i>Task 3e. Rate Study and Financial Plan</i>	<i>\$74,300</i>	<i>\$25,700</i>	<i>\$100,000</i>
<i>Task 3f. Grant and Loan Application Support</i>	<i>\$59,400</i>	<i>\$20,600</i>	<i>\$80,000</i>
<i>Task 3g. Pretreatment Program Development and Implementation</i>	<i>\$170,800</i>	<i>\$59,200</i>	<i>\$230,000</i>
Grand Total	\$4,962,500	\$1,715,500	\$6,678,000

¹ Local funding sources include the following sources: existing and potentially future groundwater pumping fees and assessments; in-kind attorney services; in-kind services from the IWVGA; the City of Ridgecrest wastewater enterprise (user rates and reserve funds); and other potential funding sources.

2.0 PROJECT COST DESCRIPTION

In general, the budget for this proposal was prepared by using time and billing rate estimates for each task based on discussion with relevant stakeholders as well as previous experience on project timeframes. The following provides further description of how costs for each of the Tasks were derived.

Component 1: Grant Agreement Administration

Task 1 Grant agreement administration costs were estimated based on anticipated number of hours required to complete invoices and progress reports to satisfy grant agreement requirements.

Component 2: Water Supply Augmentation Projects

Category (a) Task 1, Task 2, Task 3

Component administration costs were estimated based on anticipated number of hours anticipated for coordinating on component administrative tasks.

Category (b) Task 1 – Imported Water Supply Alternative Analysis

A budget of \$185,000 was provided by Stetson Engineers Inc. for completion of all Task 1 subtasks culminating in a technical memorandum on Imported Water Alternatives. This cost estimate was based on applicable billing rates and number of hours anticipated from experience of similar past alternative analysis projects, including the modeling costs.

Category (b) Task 2 – Recycled Water Use Alternative Analysis

A budget of \$140,000 was provided by Stetson Engineers Inc. for completion of all Task 2 subtasks culminating in a technical memorandum on Recycled Water Use Alternatives This cost estimate was based on applicable billing rates and number of hours anticipated from experience of similar past alternative analysis projects.

Category (b) Task 3 – Recycled Water Project Phase 1: Treatment Design

Task 3a – Project Management Support

The cost for Project Management Support is based on a proposal submitted by MKN for services from January 1 through May, 2021 for \$86,000 and extrapolated to an estimated \$400,000 per year for the proposed project duration. The budget is based on applicable billing rates and number of hours anticipated. This administrative cost is estimated to be approximately 7% of the cost for Tasks 1b through 1g.

Task 3b – CEQA Compliance

The cost for CEQA compliance was developed from the budget developed by Provost and Pritchard Consulting Group for the EIR certified in 2016. The budget (originally proposed in 2010) was \$175,000. Assuming 3% escalation per year since 2010, the present cost would be approximately \$225,000. It is assumed the level of effort will be approximately 50% of the initial budget (\$123,000) since much of the initial work can be reused even though the project objectives have changed as a result of coordination with the Navy.

Task 3c - Design

Design budget was assumed to be 10% of the construction cost for the new facility. A construction cost opinion of \$32.1M for the new Wastewater Treatment Plant was presented in the 2015 Facility Plan. Costs for ultraviolet light disinfection and tertiary treatment were presented separately in the report for partial treatment of effluent for the Navy, which has assumed only 1.6 MGD would be available for recycling. Extrapolating those capital costs for filtration and UV disinfection for a 4.0 MGD facility and adding them to the \$32.1M capital cost estimate yields a total project cost estimate of \$37.0M in the 2015 Plan. Escalating to present value using the ENR 20-Cities CCIB and adding 3% per year from December 2020 to December 2024 (anticipated midpoint of construction) results in a construction budget of \$48.0M. Assuming design costs at 11%, this results in an estimated budget of \$5.3M for final design of the new facility.

Task 3d - Permitting Applications and Negotiation

The level of effort for permitting applications is difficult to predict at this time since the CEQA documentation must be supplemented to support the new project objectives. Based on similar projects, an estimate of \$100,000 was developed.

Task 3e – Rate Study and Financial Plan

The rate study budget of \$100,000 was based on rate studies performed for similar projects for a budget of \$80,000 to \$120,000, including preparation of the financial package for the Clean Water State Revolving Loan Fund.

Task 3f – Grant and Loan Application Support

A budget of \$80,000 was provided by MKN for completion of the Clean Water State Revolving Loan Fund application packages, including the Project Report. The budget also included a review of grant and loan funding programs and coordination with various funding agencies on a time and materials basis. The budget is based on applicable billing rates and number of hours anticipated.

Task 3g – Pretreatment Program Development and Implementation

Larry Walker Associates provided a proposal for \$48,800 to begin initial stages of this task. They provided an estimate of \$90,000 for completion of the Local Limits Report, with another \$40,000 for sampling and laboratory analysis to support completion of the Report. Another \$50,000 was included to allow time for analysis and coordination with the Navy as they complete their own pretreatment and source control assessment since the City may need to investigate impacts of various Navy pretreatment alternatives on the proposed City WWTP. The \$50,000 is based on typical billing rates and assumed number of hours for the alternative analysis.

^B Engineering New-Record 20-Cities Construction Cost Index

“ATTACHMENT TAB”

**ATTACHMENT 5
SCHEDULE**

1.0 PROJECT SCHEDULE

The schedule tables for the IWVGA's proposed Project presented below are consistent with DWR's "Attachment 5 Schedule – Template" pursuant to the "Implementation Grants Proposals Solicitation Package", dated October 2020. The schedule tables below are consistent with each task and subtask for the IWVGA's proposed Project as described in Attachment 3 "Work Plan". The schedule tables below are also consistent with the proposed Project Components identified in Attachment 4 "Budget". Table 8B has been incorporated into this Attachment because the IWVGA's proposed Project represents multiple components.

For the purposes of developing the proposed Project schedule, the following dates identified by DWR have been incorporated:

- Project expenses after January 31, 2020 are eligible for cost share purposes
- Project expenses after the grant execution date are eligible for reimbursement (i.e. grant funding)
- Project expenses must be completed by April 30, 2024

The IWVGA will submit all the reports required as part of the Grant agreement in a timely manner. Final invoicing will be submitted to DWR for review and approval following proposed Project completion.

2.0 PERMITTING / ENVIRONMENTAL

Environmental compliance for each Task within the IWVGA's proposed Project is discussed in Attachment 3 "Work Plan". The following provides a brief summary.

Component 2: Water Supply Augmentation Projects, Category (b) Planning/ Design/ Environmental is comprised of the following tasks:

- Task 1: Imported Water Supply Alternatives Analysis
- Task 2: Recycled Water Use Alternatives Analysis
- Task 3: Recycled Water Project Phase 1: Treatment Design

The Imported Water Supply Alternatives Analysis (Task 1) and the Recycled Water Use Alternatives Analysis (Task 2) are not subject to CEQA requirements and do not require any permits.

The Recycled Water Project Phase 1 (Task 3) is subject to California Environmental Quality Act (CEQA) regulations. As discussed in Attachment 3 (Work Plan), the City has retained an Environmental Consultant to provide all services necessary to comply with CEQA as applicable to the City's implementation of the Recycled Water Project. A CEQA-compliant addendum or supplement to the existing Environmental Impact Report (EIR) will be prepared, through consultation with the U.S. Navy and water purveyors. This CEQA document will include an evaluation of appropriate alternatives.

As discussed in Attachment 3 (Work Plan), the Recycled Water Project will require multiple permits from state and federal regulatory agencies. Key resource regulatory permitting agencies for this project may include:

- U.S. Army Corps of Engineers (pursuant to Section 404 of the Clean Water Act)
- Regional Water Quality Control Board (NPDES permit; meeting Porter-Cologne Act requirements; Section 401 certification)
- California Department of Fish and Wildlife (Stream bed Alteration Agreement)
- California Environmental Protection Agency, Department of Toxic Substances Control (Site Assessment / Remedial Action Plan)
- Kern County Air Pollution Control District (KCAPCD)

The schedule assumes that resource agencies engage in a timely review within their permitting processes. The City has been in coordination with the Lahonton Regional Water Quality Control Board (RWQCB) regarding permitting and has obtained notice from the RWQCB authorizing the City to proceed with planning and implementation of the project.

SCHEDULE

Table 8B – Grant Proposal Schedule (Multiple Components)

Grant Proposal Title: Indian Wells Valley Groundwater Authority – GSP Implementation Projects for Water Supply Augmentation

Applicant: Indian Wells Valley Groundwater Authority

Component Title: (1) Grant Agreement Administration / (2) Water Supply Augmentation Projects

Categories	Start Date	End Date
Component 1: Grant Agreement Administration	Earliest Start Date	Latest End Date
(a) Grant Agreement Administration	6/1/2021	4/30/2024
Task 1. Reporting and Invoicing	6/1/2021	4/30/2024
Component 2: Water Supply Augmentation Projects	Earliest Start Date	Latest End Date
(a) Component Administration	1/1/2021	12/30/2022
Task 1. Imported Water Supply Alternatives Analysis Component Management	2/1/2021	6/30/2021
Task 2. Recycled Water Use Alternatives Analysis Component Management	2/1/2021	6/30/2021
Task 3. Wastewater Treatment Plant Phase 1 Component Management	1/1/2021	12/30/2022
(b) Planning / Design / Environmental		
Task 1. Imported Water Supply Alternatives Analysis	2/1/2021	6/30/2022
<i>Task 1a. Establishment and Coordination with Imported Water Working Group</i>	2/1/2021	6/30/2022
<i>Task 1b. Project Alternatives Analysis</i>	2/1/2021	6/30/2022
<i>Task 1c. Evaluation of Infrastructure Funding Sources</i>	2/1/2021	6/30/2022
<i>Task 1d. Development of Technical Memorandum</i>	1/1/2022	6/30/2022
<i>Milestone – Imported Water Supply Alternative Technical Memorandum</i>	6/30/2022	6/30/2022
Task 2. Recycled Water Use Alternatives Analysis	2/1/2021	6/30/2022
<i>Task 2a. Coordination with City of Ridgecrest and Program Participants</i>	2/1/2021	6/30/2022
<i>Task 2b. Beneficial Use Alternative Analysis</i>	2/1/2021	6/30/2022
<i>Task 2c. Development of Technical Memorandum</i>	1/1/2022	6/30/2022
<i>Milestone – Recycled Water Use Alternative Technical Memorandum</i>	6/30/2022	6/30/2022
Task 3. Recycled Water Project Phase 1: Treatment Design	1/1/2021	12/30/2022
<i>Task 3a. Project Management Support</i>	1/1/2021	12/30/2022
<i>Task 3b. CEQA/NEPA Compliance</i>	2/1/2021	1/30/2022
<i>Milestone – EIR Addendum/ Supplement</i>	1/30/2022	1/30/2022
<i>Task 3c. Design</i>	1/1/2021	12/30/2022
<i>Milestone – Alternatives Evaluation</i>	5/30/2021	5/30/2021
<i>Milestone – Preliminary Engineering Report (with Updated 30% Design Submittal)</i>	10/30/2021	10/30/2021
<i>Milestone – 60% Design Submittal</i>	3/30/2022	3/30/2022

Categories	Start Date	End Date
<i>Milestone – 95% Design Submittal</i>	6/30/2022	6/30/2022
<i>Milestone – Final Design Submittal</i>	12/30/2022	12/30/2022
<i>Task 3d. Permitting Applications & Negotiation</i>	12/30/2021	12/30/2022
<i>Task 3e. Rate Study and Financial Plan</i>	5/1/2021	3/30/2022
<i>Milestone – Rate Study and Financial Plan</i>	3/30/2022	3/30/2022
<i>Task 3f. Grant and Loan Application Support</i>	1/1/2021	12/30/2022
<i>Task 3g. Pretreatment Program Development and Implementation</i>	1/1/2021	12/30/2021
<i>Milestone – Local Limits Report</i>	12/30/2021	12/30/2021

“ATTACHMENT TAB”

ATTACHMENT 6

**LOCAL COST SHARE WAIVER OR REDUCTION
JUSTIFICATION**

1.0 INTRODUCTION

DWR's October 2020 Implementation Grants Proposal Solicitation Package for the Sustainable Groundwater Management Grant Program provides the following definitions regarding "Underrepresented Communities":

- An Underrepresented Community (URC) refers to "A DAC, SDAC, and EDA (as defined in the 2019 Guidelines); Tribal Lands/Tribes (as defined in the 2019 Guidelines); California Communities Environmental Health Screening Tool (CalEnviroScreen 3.0) Classified DACs (Environmentally Disadvantaged Communities or EnvDACs); and Fringe Communities."
- A Disadvantaged Community (DAC) is "a community with a median household income of less than 80% of the Statewide average. (Public Resources Code § 80002(e))."
- A Severely Disadvantaged Community (SDAC) is "a community with a median household income of less than 60% of the Statewide average. (Public Resources Code § 80002(n))."
- An Economically Distressed Area (EDA) is "a municipality with a population of 20,000 persons or less, a rural county, or a reasonably isolated and divisible segment of a larger municipality where the segment of the population is 20,000 persons or less, with an annual median household income that is less than 85% of the Statewide median household income, and with one or more of the following conditions as determined by the department: (1) financial hardship, (2) Unemployment rate at least 2% higher than the Statewide average, or (3) low population density. (Water Code §79702(k))"
- An Environmentally Disadvantaged Community (EnvDAC) refers to census tracts designated by CalEPA (through the Office of Environmental Health Hazard Assessment) as the top 25% in overall CalEnviroScreen scoring, determined as the product of the average Pollution Burden and Population Characteristics scores.

The proposed Project area covers the Indian Wells Valley groundwater basin which encompasses many diverse communities, and many of those communities include substantial areas that meet the definition of a DAC, SDAC, EDA, and/or an EnvDAC. Basin overdraft and the need to bring the basin into a sustainable balance are critical water supply issues for Underrepresented Communities that the proposed Project will address. As discussed previously, the Indian Wells Valley groundwater basin is identified by DWR as a critically overdrafted basin of High Priority, and as such, the IWVGA is currently implementing its GSP adopted in January 2020, in compliance with SGMA. Basin resources are currently not sustainably managed and overdraft conditions have existed since at least the 1960s as a result of groundwater pumping exceeding the natural basin yield. The proposed Project will support implementation of sustainable GSP projects and management actions that culminate in the absence of undesirable results within 20 years in order to provide long-term sustainable groundwater management within the basin which will enhance reliability of water supplies within Underrepresented Communities.

2.0 METHODOLOGY TO DETERMINE UNDERREPRESENTED COMMUNITIES

The identification of Underrepresented Communities and an evaluation of Project benefits to the Underrepresented Communities in the proposed Project area were prepared based on an approach recommended by DWR (in the Final Proposal Solicitation Package, dated October 2020) using information from the following DWR websites:

<https://water.ca.gov/Work-With-Us/Grants-And-Loans/Mapping-Tools>

<https://gis.water.ca.gov/app/dacs/>

<https://gis.water.ca.gov/app/edas/>

<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30>

The DWR websites include an interactive mapping tool which identifies DACs and SDACs based on US Census “block groups”, “tracts”, and “places” boundaries. Block groups, tracts, and places are based on the following definitions:

- Block groups are statistical divisions of census tracts and are generally defined to contain between 600 and 3,000 people;
- Tracts are small, relatively permanent statistical subdivisions of a county and generally have a population size between 1,200 and 8,000 people;
- Places can include incorporated places (e.g. Cities, boroughs, towns, or villages) or census designated places (e.g. unincorporated communities)

The DWR websites also include an interactive mapping tool which identifies EDAs based on the following information:

- (Municipality Tracts) US Census tracts identified as having both: a population that is less than or equal to 20,000 people; and less than 85 percent of the State's median household income.
- (Municipality Block Groups) US Census block groups identified as having both: a population that is less than or equal to 20,000 people; and less than 85 percent of the State's median household income.
- (Municipality Census Places) US Census places identified as having both: a population that is less than or equal to 20,000 people; and less than 85 percent of the State's median household income.
- (Rural Counties) "Rural Counties" as designated by the U.S Office of Management and Budget

The DWR websites also include an interactive mapping tool which identifies EnvDACs based on the following information developed for individual census tracts:

- (Pollution Burden) A combination of:

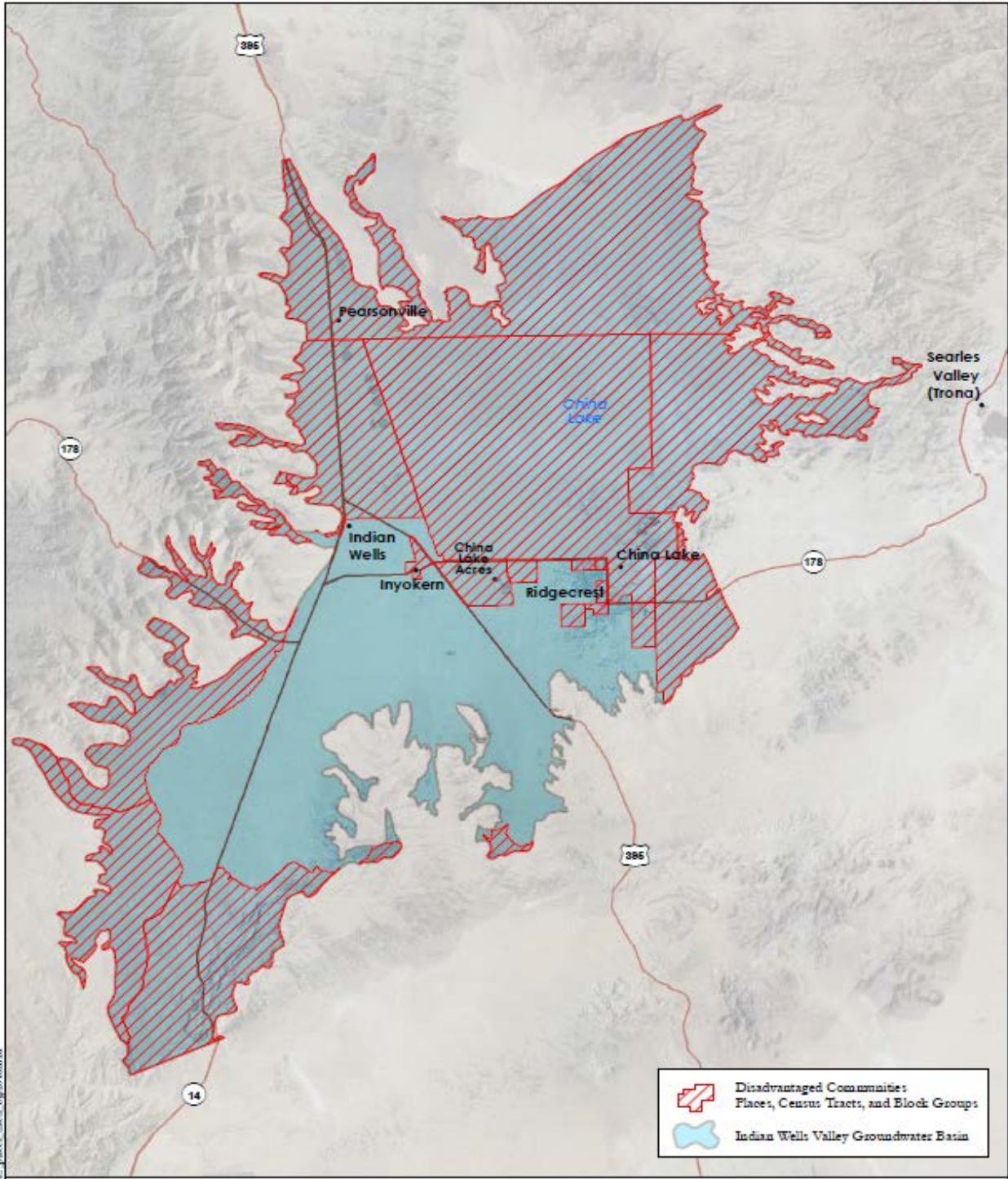
LOCAL COST SHARE WAIVER/REDUCTION JUSTIFICATION

- Exposure Indicators developed using statewide data related to pollution sources, releases, and environmental concentrations to identify potential human exposure to pollutants; and
- Environmental Effects Indicators developed using statewide data related to adverse environmental conditions caused by pollutants (e.g. proximity to toxic cleanup sites, hazardous waste facilities, impaired water bodies, etc.) that may have adverse effects on human populations
- (Population Characteristics) A combination of:
 - Sensitive Population Indicators developed using statewide data related to biologically sensitive populations affected by toxic chemical exposures; and
 - Socioeconomic Factor Indicators developed using statewide data related to vulnerability to environmental pollutants as a result of educational attainment, housing burdens, linguistic isolation, poverty, and unemployment

To identify and map the Underrepresented Communities within the proposed Project area, Geographical Information Systems (GIS) information from the DWR website was downloaded and the layers representing DACs, SDACs, EDAs, and EnvDACs within the Indian Wells Valley groundwater basin were extracted. Using the GIS information, the following figures were prepared and are attached:

- Figure 6-1 shows the total DACs (block groups, tracts, and places), including SDACs, within the Indian Wells Valley groundwater basin
- Figure 6-2 shows the total EDAs within the Indian Wells Valley groundwater basin
- Figure 6-3 shows the Environmentally Disadvantaged Communities (EnvDACs, areas with a CalEnviroScreen Score greater than or equal to 75%) within the Indian Wells Valley groundwater basin
- Figure 6-4 shows the total Underrepresented Communities (DACs, SDACs, EDAs, and EnvDACs) within the Indian Wells Valley groundwater basin

FIGURE 6-1



	Disadvantaged Communities: Places, Census Tracts, and Block Groups
	Indian Wells Valley Groundwater Basin

Document Path: J:\m26023.DWG_place_socio_fig2018.mxd



**PLACES, TRACTS, AND BLOCK GROUPS
DISADVANTAGED COMMUNITIES (2018)
INDIAN WELLS VALLEY GROUNDWATER BASIN**

Source: <https://data.cnr.ca.gov/dataset/dacs-census> (Used pursuant to DWR guidelines.)

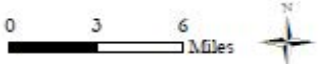
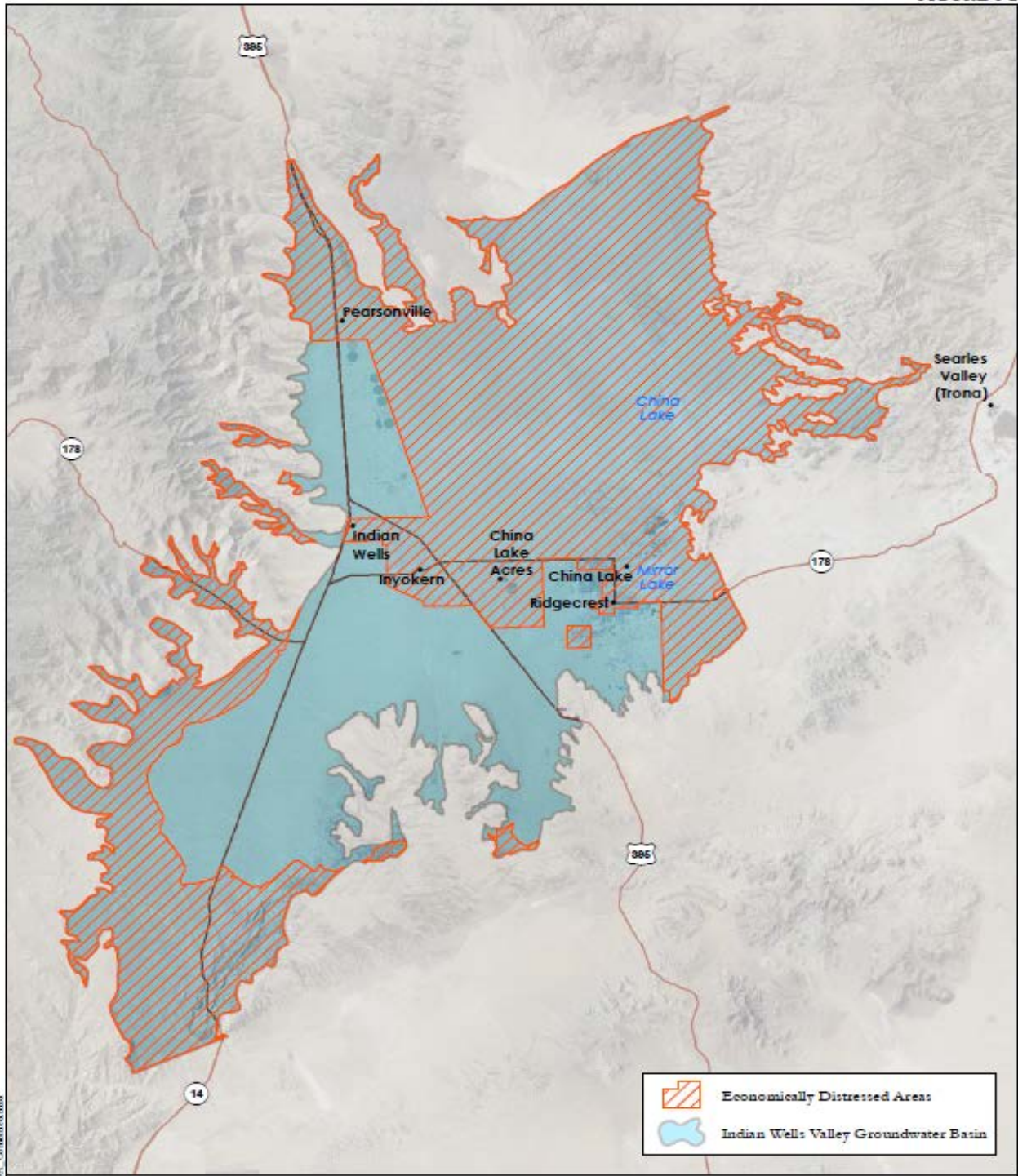


FIGURE 6-2



Document Path: \\jag\603\MEGA_Condensed.mxd



**ECONOMICALLY DISTRESSED AREAS
INDIAN WELLS VALLEY GROUNDWATER BASIN**

Source: <https://gis.water.ca.gov/app/edas/> (Used pursuant to DWR guidelines.)

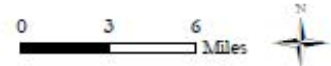


FIGURE 6-3

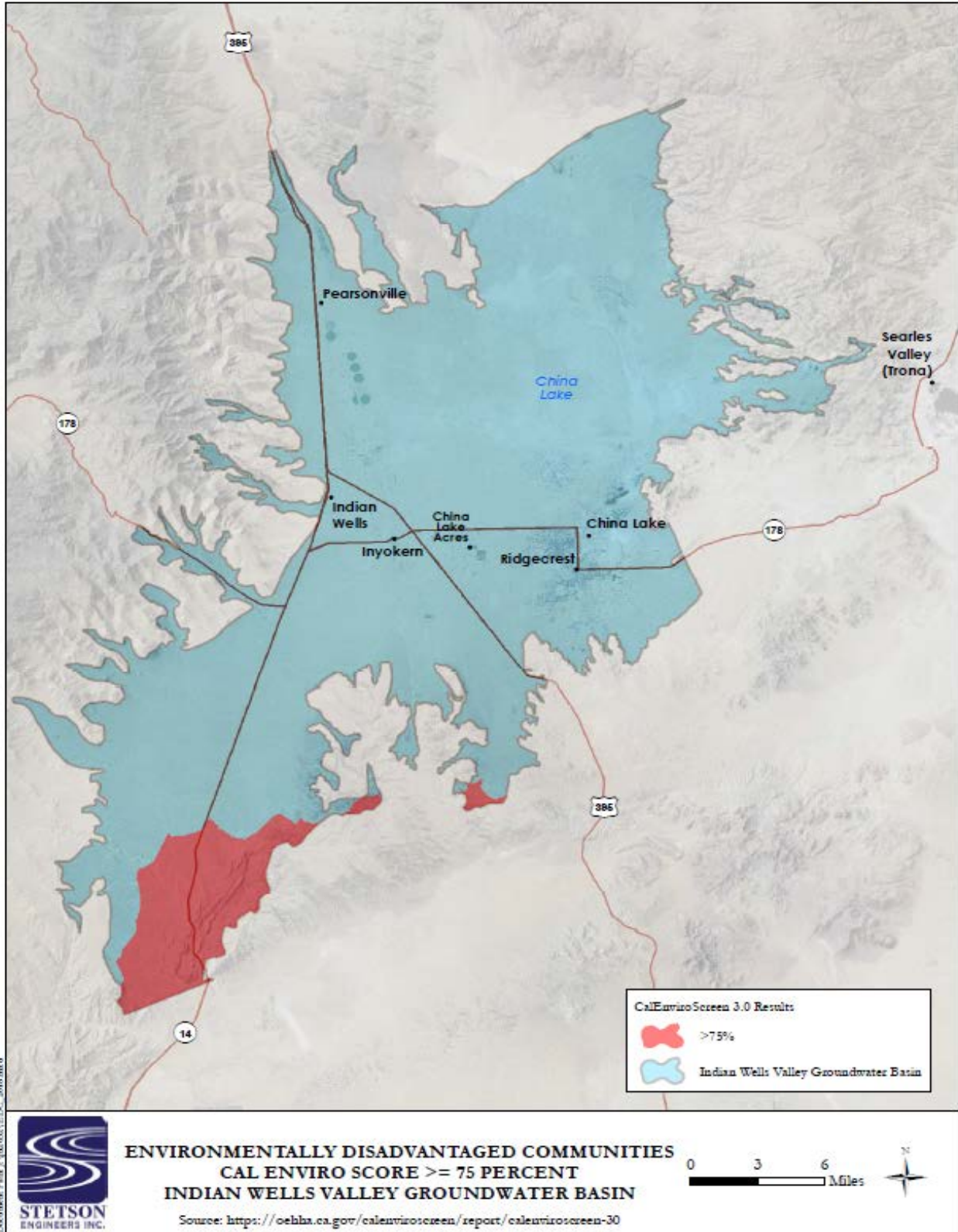
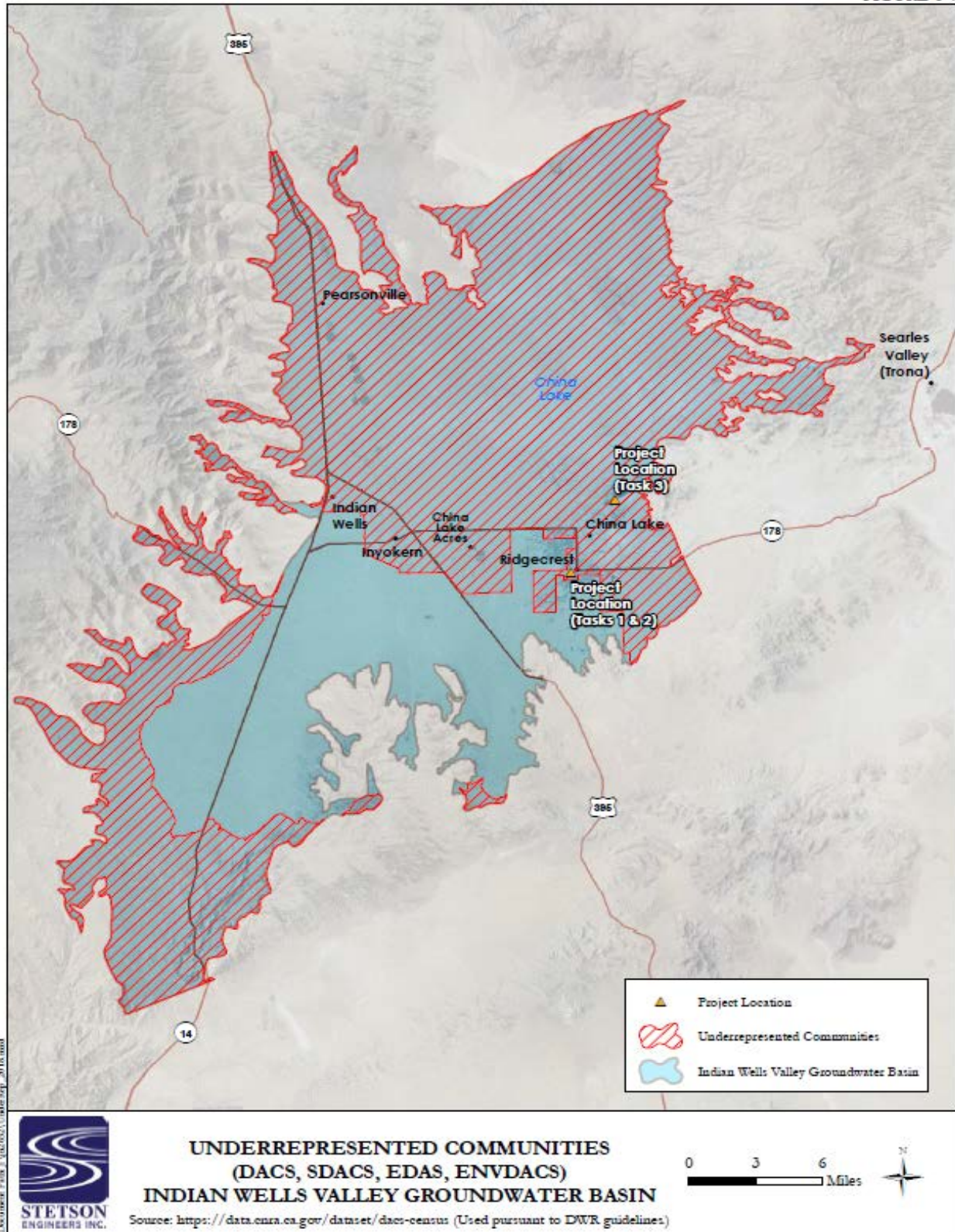


FIGURE 6-4



LOCAL COST SHARE WAIVER/REDUCTION JUSTIFICATION

Figure 6-4 shows the total Underrepresented Communities identified within the Indian Wells Valley groundwater basin. Underrepresented Communities located within the Indian Wells Valley groundwater basin include portions of the City of Ridgecrest and portions or all of the census designated places of China Lake Acres, Inyokern, and Pearsonville; and the unincorporated community of China Lake. Based on GIS calculations, the total area of Underrepresented Communities within the basin (about 280,444 acres) covers approximately 73 percent of the Indian Wells Valley groundwater basin (about 382,000 acres). In addition to Underrepresented Communities within the basin, the Searles Valley (which includes the unincorporated community of Trona) is comprised of Underrepresented Communities and is located approximately three (3) miles east of the basin boundaries. The Searles Valley has depended on basin groundwater supplies since 1918. The preparation of the Proposed project will benefit Underrepresented Communities within the Indian Wells Valley groundwater basin as well as within the Searles Valley.

The total population within the Indian Wells Valley groundwater basin in the year 2015 was approximately 33,600 based on US Census Bureau block group population data that was extrapolated from 2010 US Census data. The total population also includes the addition of communities in the Searles Valley located east of the basin boundaries. Based on the US Census Bureau block data, as well as population data provided on the DWR website, the total population of Underrepresented Communities residing within the basin and in the Searles Valley is approximately 13,000. The total population of Underrepresented Communities is approximately 39 percent of the total population within the Indian Wells Valley groundwater basin.

3.0 UNDERREPRESENTED COMMUNITIES PROJECT BENEFITS, SUPPORT, AND OUTREACH

As shown on Figure 6-4 above, all of the tasks to be performed under the proposed Project are located within the boundaries of Underrepresented Communities. Specifically, the City of Ridgecrest's wastewater treatment facility and the Ridgecrest City Hall (where IWVGA Board and committee meetings are held) will be the project locations for Task 3 and Tasks 1 & 2, respectively. Both of these locations fall within the boundaries of Underrepresented Communities, per Figure 6-4.

The proposed Project includes the following outreach and support for Underrepresented Communities, which are discussed further below:

- Public IWVGA Board meetings
- Public Technical Advisory Committee (IWVGA) meetings
- Public Policy Advisory Committee (IWVGA) meetings
- Website posting of meeting materials
- Local news reporting
- Inclusion of representatives from Underrepresented Communities as voting members in the Policy Advisory Committee
- Discussion of public outreach efforts during Policy Advisory Committee meetings
- Letters of support from Underrepresented Communities

The IWVGA conducts regular Board meetings (on a monthly basis) to support the development and implementation of the Groundwater Sustainability Plan (GSP) for the Indian Wells Valley groundwater basin (i.e. proposed Project). The IWVGA's Technical Advisory Committee (TAC) meets on a monthly basis to assist in the development and implementation of the GSP. In addition, the IWVGA's Policy Advisory Committee (PAC) meets on a monthly basis and provides representation to all types of water users in the Indian Wells Valley groundwater basin on policy matters of the Board associated with SGMA (including the GSP). The Board, TAC, and PAC meetings are open to members of the public, including members of Underrepresented Communities. According to Article 8.6 of the "Bylaws of the Indian Wells Valley Groundwater Authority" (Bylaws), dated May 18, 2017, the IWVGA "shall establish a public website where all pertinent documentation, not specifically protected by law, may be openly inspected by the public." A copy of the Bylaws is provided as 6-1. Pursuant to the Bylaws, all IWVGA meeting materials (including agendas, minutes, resolutions, ordinances, presentations, and packages) are available to the public at the following IWVGA website: <https://iwvga.org/>

The IWVGA Board, TAC, and PAC meetings are also regularly attended by members of two Ridgecrest news organizations: the Ridgecrest Daily Independent and the Ridgecrest News Review. News articles regarding key discussions at these public meetings are regularly published and allow for dissemination of Project information to an audience that did not attend the public forums in person.

The Bylaws include specific requirements regarding support from Underrepresented Communities. According to Article 5.7 of the Bylaws, "**At least one of the appointed voting PAC members** shall, in addition to representing one of the above listed constituent groups, **shall**

LOCAL COST SHARE WAIVER/REDUCTION JUSTIFICATION

also represent Disadvantaged Communities as defined by California Public Resources Code Section 75005(g), by residing or conducting business within a Disadvantaged Community or serving water to a Disadvantaged Community.” During an IWVGA Board meeting on July 20, 2017, the Board approved Resolution 08-17 to add the Inyokern Community Services District as a voting member to the PAC as a DAC representative. A copy of the Resolution is provided as Attachment 6-2. The Inyokern Community Services District provides water service to the census designated place of Inyokern, which is comprised of SDACs and DACs. In addition, during a PAC meeting on September 13, 2017, the PAC resolved to request the IWVGA Board to add the community of Trona as second DAC representative voting member to the PAC. A copy of the PAC meeting minutes from September 13, 2017 is provided as Attachment 6-3.

During PAC meetings on August 3, 2017 and September 13, 2017, the PAC continued discussions regarding methods and strategies to provide outreach to the public, including SDACs and DACs, of PAC activities. Several public outreach efforts being discussed include a dedicated Facebook page, a quarterly newspaper column or email newsletter, surveys to determine the level of Project understanding, mailers and educational pamphlets. Copies of these PAC meeting minutes are provided in Attachments 6-3 and 6-4.

Letters of support for the proposed Project have been requested by several stakeholders, including representatives from Underrepresented Communities, and are included in Attachment 3-2. **Due to current COVID-19 conditions and the holiday seasons, letters of support for the proposed Project were unable to be prepared in time for the January 8, 2021 deadline for this grant application. Copies of these support letters from stakeholders and Underrepresented Communities will be provided to DWR staff upon receipt.** Although not included, it should be noted the IWVGA previously received multiple letters of support for GSP development from stakeholders, including representatives from Underrepresented Communities (previously defined as Disadvantaged Areas), as part of the IWVGA's funding applications for Proposition 1, Round 2 funding and Proposition 68, Round 3 funding.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 6-1
IWVGA BYLAWS

BYLAWS

of the

INDIAN WELLS VALLEY

GROUNDWATER AUTHORITY

May 18, 2017

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BYLAWS OF THE
INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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PREAMBLE

These Bylaws are adopted pursuant to Section 8.05 of the Joint Exercise of Powers Agreement creating the Indian Wells Valley Groundwater Authority (the "Agreement").

ARTICLE 1. THE AUTHORITY

- 1.1 **NAME OF THE AGENCY.** The name of the Agency created by the Agreement shall be the Indian Wells Valley Groundwater Authority ("Authority").
- 1.2 **SEAL.** The seal of the Authority shall be in the form of a circle and shall bear the name of the Authority and the year 2016, which is the year of its organization.
- 1.3 **PRINCIPAL OFFICE OF THE AUTHORITY.** The principal office of the Authority shall be at the offices of the Indian Wells Valley Water District, located at 500 W. Ridgecrest Boulevard, Ridgecrest, California, 93555.
- 1.4 **AUTHORITY POWERS.** The powers of the Authority are established in accordance with Article VI of the Agreement and vested in the Authority's Board of Directors ("Board"). The Board reserves the right to delegate such powers as are appropriate and permissible by law.

ARTICLE 2. MEETINGS

- 2.1 **OPEN MEETINGS.** Meetings of the Board and any Authority committees, including those with telephonic participation, shall be held in accordance with the Ralph M. Brown Act (California Government Code sections 54950, et seq.). No action shall be taken by secret ballot at such meetings. Meetings of the Board and Authority committees shall be held within the geographical boundaries of the Basin, except as permitted by the Brown Act.
- 2.2 **REGULAR MEETINGS.** The regular meetings of the Authority shall be held at a location within the geographical boundaries of the Basin on a day and time, which the Authority's Board may from time-to-time designate. In the event a regular meeting would take place on a legal holiday, the meeting may be rescheduled to another date and time as determined by the Board.
- 2.3 **SPECIAL MEETINGS.** Special meetings of the Board shall be conducted pursuant to California Government Code section 54956, and they may be called by the Chairperson or by the concurrence of any two Primary Directors.
- 2.4 **EMERGENCY MEETINGS.** Emergency meetings of the Board shall be conducted pursuant to California Government Code section 54956.5, and they may be called by the Chairperson or by the concurrence of any two Primary Directors.

- 2.5 AGENDA. The General Manager, in consultation with IWVGA General Counsel and staff of the Members, shall prepare the draft agenda, which must be reviewed and approved by the General Counsel. In the event there is a disagreement between the General Manager and the General Counsel on any topic, the Board Chairperson will be consulted to provide the necessary direction. The Chairperson or his or her delegate shall then approve the draft agenda before its finalization and posting in accordance with the Ralph M. Brown Act.
- 2.6 QUORUM. A quorum of the Board shall consist of a majority of the Directors representing the then active General Members. In the absence of a quorum, no business may be transacted beyond the adjournment of a meeting by the remaining Directors. A Director shall be deemed present for the determination of a quorum if the Director is present at the meeting in person or if they participate in the meeting telephonically as provided for by the Ralph M. Brown Act.
- 2.7 OFFICIAL ACT. Except as otherwise provided by statute, the Authority shall adopt every official act by a vote of the Board in accordance with the applicable provisions of the Agreement.
- 2.8 VOTING. As set forth in the Agreement, the affirmative vote of a majority of the Board shall be required for the approval of any Board action. In addition, no action may be approved by the Board unless it receives the affirmative vote from no less than two of the then voting Directors representing the County of Kern, the City of Ridgecrest, and/or the Indian Wells Valley Water District.

Notwithstanding the foregoing, the Board may approve the Regular Monthly Receivables by a simple majority vote so long as the routine costs and bills making up the Regular Monthly Receivables have not been objected to by any Director. While a Director may voice an oral objection at the meeting, a Director's presence is not required and they may also file an objection in writing prior to the meeting. Likewise, any meeting of the Board may be adjourned by a simple majority vote of the then present Directors.

The voting on all matters of the Board and Committees, including minute orders, resolutions, and ordinances shall be reported on the minutes and accomplished in a manner that readily signifies the action taken and the vote or abstention on that action of each member present for the action.

- 2.9 RULES OF ORDER. All rules of order not otherwise provided for in these Bylaws shall be determined, to the extent practicable, in accordance with "Robert's Rules of Order;" provided, however, that no action shall be invalidated or its legality otherwise affected by the failure or omission to observe or follow "Robert's Rules of Order."
- 2.10 MINUTES. The Secretary shall prepare written minutes of the Board meetings, which shall be available for public inspection when approved by the Board. The record shall contain the votes and abstentions on each matter for which a vote is taken.

ARTICLE 3. OFFICERS

- 3.1 **OFFICERS OF THE BOARD.** Officers of the Authority's Board shall consist of a Chairperson and Vice-Chairperson. The Chairperson shall preside at all meetings of the Board, while the Vice-Chairperson shall perform the duties of the Chairperson in the absence or disability of the Chairperson. The Chairperson and Vice-Chairperson shall exercise and perform such other powers and duties as may be assigned by the Board.
- 3.2 **APPOINTMENT OF OFFICERS OF THE BOARD.** The Chairperson and Vice-Chairperson shall hold office for a term of one year commencing on January 1 of each and every calendar year. Beginning in 2017, the Chairperson and Vice-Chairperson shall rotate annually between the Board members representing the County of Kern, City of Ridgecrest, and the Indian Wells Valley Water District. The Board member representing the County of Kern shall be the first Chairperson followed in order by the City of Ridgecrest and then the Indian Wells Valley Water District. The Board member representing the City of Ridgecrest shall be the first Vice-Chairperson followed in order by the Indian Wells Valley Water District and then the County of Kern. Officers of the Board may be removed and replaced at any time, with or without cause by a vote of the Board. In the event that an Officer of the Board loses their position as a Primary Director, that Officer of the Board position shall become vacant and the Board shall elect a new individual to serve the remaining term.
- 3.3 **GENERAL MANAGER.** The General Manager shall have general supervision over the administration of Authority business and affairs, subject to the direction of the Board. The General Manager or designee may execute contracts, deeds, and other documents and instruments as authorized by the Board.
- Until an General Manager is appointed, and except for the Authority's General Counsel and Treasurer functions, Authority administration and management will be conducted using a collaborative staffing model in which the professional and technical staff of the member agencies work together to provide staff leadership, management, and administration of the Authority.
- 3.4 **BOARD SECRETARY.** The Secretary shall be elected by and serve at the discretion of the Board. The Secretary shall keep the administrative records of the Authority, act as secretary at meetings of the Authority, recording all votes and keep a record of the proceedings of the Authority to be kept for such purpose, and perform all duties incident to the Secretary's office. The Secretary shall maintain a record of all official proceedings of the Board. The Secretary shall also establish and maintain a list of persons interested in receiving notices regarding plan preparation, meeting announcements, and availability of draft plans, maps, and other relevant documents pursuant to Water Code Section 10723.4.
- 3.5 **GENERAL COUNSEL.** The Authority's General Counsels shall be the attorneys appointed by the County of Kern, the City of Ridgecrest, and the Indian Wells Valley

Water District. The primary responsibility to act as the Authority's General Counsel during public meetings shall rotate annually and be in coordination with who is the then acting Chairperson. For example, when the Chairperson is Kern County's representative, Kern County's attorney will act as the Authority's General Counsel during public meetings, or as otherwise directed by the Board. General Counsel shall be appointed by the Board, and shall be directly responsible to the Board. The General Counsel shall give advice or written opinions as needed and/or directed by the Board, and shall prepare proposed resolutions, laws, rules, contracts, and other legal documents for the Authority when requested to do so by the Authority. The General Counsel shall attend to all lawsuits and other matters to which the Authority is a part or in which the Authority may be legally interested and do such other things pertaining to the General Counsel's office as the Authority may request. Authority Counsel will recommend appointment of Special Counsel for matters involving more specialized legal service as required. The Board will set the compensation of Special Counsel.

- 3.5.1 **RETAINER AGREEMENTS.** The Board of Directors shall execute a retainer agreement with the Authority's General Counsels which shall expressly provide that each attorney acting as General Counsel shall be afforded the full and complete opportunity to represent their General Member in any dispute or action regardless of any actual or perceived conflicts with the Authority or any of its other Members. Additionally, the General Counsel shall, when deemed appropriate or called upon, seek the advice and consultation of the legal counsels, and possibly staff, from Members of the Authority on legal issues facing the Authority; in such an instance, the communications shall be confidential and protected to the fullest extent possible in law and said communications shall not in any way preclude staff or legal counsels from fulfilling their duties and obligations to their Member, including representation in any dispute or action.
- 3.6 **OFFICER COMPENSATION.** Officers of the Authority which are not Directors shall receive compensation as designated by the Board in written contract. When, and only if, specifically called upon by the Board in advance, non-Director officers may receive reimbursement of their actual and necessary expense at the then current IRS reimbursement rate.
- 3.7 **FISCAL AGENT AND TREASURER.** The County of Kern shall serve as the Fiscal Agent and Treasurer for the Authority unless otherwise directed by a vote of the Board. The Fiscal Agent shall be depository for and shall have the responsibility for all money of the Authority from whatever source. All funds of the Authority shall be strictly and separately accounted for and regular reports shall be rendered of all receipts and disbursements during the Fiscal Year as designated by the Board. The books and records of the Authority shall be open to inspection by the General and Associate Members and the Treasurer shall provide strict accountability of said funds in accordance with Government Code sections 6505 and 6505.5 and all other applicable provisions of law, including any amendments thereto.

- 3.8 **WATER RESOURCES MANAGER.** The Authority shall hire a consultant or consultants with the appropriate technical background, expertise, and experience to prepare and implement a Groundwater Sustainably Plan (“GSP”). This position shall be named the Water Resources Manager and they shall be responsible for preparing and implementing the GSP as directed by the Board. An engineering, or other technical firm, may perform these duties, but, in the event that they are performed by a firm, an individual shall be appointed to serve as the primary project manager. In preparing the GSP, the Authority’s Water Resources Manager will consult with the Policy Advisory Committee and the Technical Advisory Committee as directed by the Board. The Authority’s Water Resources Manager shall also provide technical information and reports to the Board as needed and/or directed by the Board. Following the adoption of the GSP, the Authority’s Water Resources Manager shall be responsible for all work needed to implement the terms of the GSP as directed by the Board, including, if so directed, the preparation of an annual report.

ARTICLE 4. DIRECTOR COMPENSATION AND EXPENSES

- 4.1 **COMPENSATION.** Currently, the Directors are not compensated for their service by the Authority. In the event that changes, the Board will set Director compensation pursuant to a written policy adopted by the Board and included herein.
- 4.2 **EXPENSES.** If previously approved by the Board, a Director shall receive actual, reasonable, and necessary reimbursement for travel, meals, lodging, registration, and similar expenses incurred on Authority business. The reimbursement rates for lodging shall not exceed the posted rates for a trade conference, but if lodging at the posted rates is not available, the reimbursement rate shall be comparable to the posted rates. For travel of 250 miles or less, Directors shall be reimbursed at the IRS mileage rate. For travel over 250 miles, Directors shall be reimbursed at a rate determined by the Board. As used herein, “transportation” includes travel to and from terminals. Automobile rental expenses shall be approved in advance. Reimbursement for meals, other than alcoholic beverages, shall be at the rate established by the IRS or actual reasonable cost not to exceed \$90 per day. Directors may declare the amount of the meal under penalty of perjury in lieu of receipts if the amount is less than the IRS rate. Claims for expense reimbursement shall be submitted to the Board on forms provided by the Authority within 30-days after the expense has been incurred. The General Manager shall determine whether the claim satisfies the requirements of this section and if the claim is denied, the claimant may appeal to the Board.

ARTICLE 5. STANDING COMMITTEES

- 5.1 **ESTABLISHMENT OF STANDING COMMITTEES.** In accordance with Section 7.04 of the Agreement, the Board may from time to time establish standing committees for the purpose of making recommendations to the Board on the various activities of the Authority. The establishment of any standing committee and its general duties shall require a vote of the Board, and the activities of the standing committee shall be subject

to the provisions of the Ralph M. Brown Act (California Government Code sections 54950, et seq.). Standing committees shall exist for the term specified in the action creating the committee and, the Board may dissolve a committee at any time through a vote of the Board.

- 5.2 **CONDUCT OF STANDING COMMITTEES.** All standing committee meetings shall be noticed, held, and conducted in accordance with the provisions of the Ralph M. Brown Act (California Government Code sections 54950, et seq.). Except as set forth below, the Board shall appoint the respective committee chairs in consultation with the committee members and the Board may further establish rules of conduct for said standing committees. The Board shall, in consultation with the committee members, establish a time and provide a place for regular meetings of any standing committee. The Board Chairperson may call a special meeting of a standing committee as the need arises. The Standing Committee's chairperson, vice chairperson, or three members may make the request to the Board for calling a special meeting. Standing committee meeting minutes shall be recorded and upon approval shall be distributed to the Board. Unless determined by General Counsel that a legal conflict, a public records exemption, or other privilege exists, standing committee members shall have access to and may inspect the records of the Authority, including, but not limited to, the accounting books and records and minutes of the proceedings of the Board and other committees of the Board, at any reasonable time. A designated representative of the committee member may make any inspection under this Section and the right of inspection includes the right to copy.

A quorum of a committee shall be a majority of the appointed committee members that hold a vote. As provided in the Brown Act, no meeting of a standing committee shall occur without the attendance of a quorum of its committee members. The affirmative vote of the majority of the members present at a standing committee meeting is necessary for the passage of any motion. The voting on all matters of standing committees, including minute orders, resolutions, and ordinances shall be reported on the minutes and accomplished in a manner that readily signifies the action taken and the vote or abstention on that action of each member present for the action. All rules of order for a standing committee not otherwise provided for in these Bylaws shall be determined, to the extent practical, in accordance with "Robert's Rules of Order;" provided, however, that no action shall be invalidated or its legality otherwise affected by the failure or omission to observe or follow "Robert's Rules of Order." The Authority's General Counsel shall resolve all questions of compliance with "Robert's Rules of Order."

- 5.3 **STANDING COMMITTEE MEMBERSHIP.** Standing committee appointments and removal shall be made at the Board's discretion.
- 5.4 **STANDING COMMITTEE DIRECTION.** The Board shall assign tasks to its standing committees, the expected duration for completion of a particular task, and a summary of the resources, including staff or consultant support available to the standing committee in performing the task.

5.5 **POLICY ADVISORY COMMITTEE.** As authorized by California Water Code Section 10727.8, which provides that a “groundwater sustainability agency may appoint and consult with an advisory committee consisting of interested parties for the purposes of developing and implementing a groundwater sustainability plan,” the Board hereby establishes a standing committee named the Policy Advisory Committee (PAC). The PAC is the primary advisory body to the Board on all policy-related matters of the Board that are appropriate for the PAC input. The Board shall provide tasks to the PAC and the PAC shall report directly to the Board. As set forth Section 5.9, the PAC shall be provided an opportunity to advise the Board on the development of the Indian Wells Valley Groundwater Sustainability Plan (GSP) including all components that, in the aggregate, comprise the GSP, including, but not limited to, substantive components required of a GSP under California Water Code Division 6, Part 2.74, Chapters 6 and 8, and under California Code of Regulations, Title 23, Division 2, Chapter 1.5, Subchapter 2 (“GSP Elements.”), prior to the Board’s approval of each GSP Element. Upon adoption of the GSP, the PAC shall continue to meet regularly as provided by the Board and, where legally appropriate, advise the Board concerning the policy matters pertaining to the implementation of the GSP. In the event that the GSP is subject to modification, such modifications shall be made in accordance with these Bylaws. The PAC shall not discuss or influence any enforcement aspects of GSP implementation, so as to avoid conflicts of interest and other legal limitations. Sections 5.3 through 5.13 shall be subject to annual review by the Board.

5.6 **POLICY ADVISORY COMMITTEE MISSION AND OBJECTIVES.** As required by California Water Code Section 10723.2, the Authority as a Groundwater Sustainability Agency must consider the interests of all beneficial uses and users of groundwater within the Basin. To assist the Authority with meeting this requirement, the objectives of the PAC are to: (1) provide all water users in the Basin with a meaningful voice and representation on policy matters of the Board associated with SGMA; (2) work collaboratively for the benefit of the Basin as a whole; (3) provide input and recommendations to the Board, in collaboration with the Water Resources Manager, and other committees of the Board, in support of actions that facilitate bringing the Basin into compliance with SGMA; and (4) work in good faith to achieve consensus and make unified recommendations to develop a GSP and for management actions to achieve groundwater sustainability in accordance with the requirements of SGMA.

5.7 **POLICY ADVISORY COMMITTEE MEMBERSHIP.** The Board shall appoint voting PAC members to the following constituent groups:

- 2 representatives from Large Agriculture
- 1 representative from Small Agriculture
- 2 representatives from Business Interests
- 2 representatives from Domestic Well Owners
- 2 representatives from residential customers of a public agency water supplier
- 1 representative from Eastern Kern County Resource Conservation District
- 1 representative from Wholesaler and Industrial User

At least one of the appointed voting PAC members shall, in addition to representing one of the above listed constituent groups, shall also represent Disadvantaged Communities as defined by California Public Resources Code Section 75005(g), by residing or conducting business within a Disadvantaged Community or serving water to a Disadvantaged Community.

An individual may qualify as a Domestic Well Owner representative if they own a well used for residential purposes only, if they are part of a well sharing agreement, or if they are a shareholder/member of a mutual water company.

Individuals seeking appointment to a voting position on the PAC must be a citizen of the United States that is at least 18 years of age and either a registered voter, landowner, authorized representative of a landowner, or a person that relies on groundwater from the in Indian Wells Valley Groundwater Basin. Individuals seeking membership to a voting position on the PAC must submit an application which will be reviewed and acted upon by the Board. However, since the Eastern Kern County Resource Conservation District is a public agency, its Board will be allowed to submit a request for the appointment of an individual from their agency.

The Board shall also provide non-voting membership on the PAC for the following:

- 1 representative from the Indian Wells Valley Water District
- 1 representative from the Department of the Navy
- 1 representative from the Bureau of Land Management

Additionally, while not considered official members of the PAC and not holding any voting rights on matters before the PAC, one representative from Kern County Planning and Natural Resources Department shall be appointed to provide land use expertise.

The public entities and Departments set forth above may request the appointment of a PAC member representative that is a member of their Board or organization.

Having already conducted an application process and upon the proper and thorough review of the applications submitted, the Board has chosen the initial PAC membership set forth in Authority Resolution _____. Said Resolution may be amended in the future as the need arises to reflect changes in PAC membership.

5.8 POLICY ADVISORY COMMITTEE CHAIRPERSON AND VICE-CHAIRPERSON, AND MEMBERSHIP TERMS. The PAC shall appoint a PAC Chairperson and PAC Vice-chairperson in consultation with the Board. The non-voting members of the PAC and the Eastern Kern County Resource Conservation District may change their PAC member representatives without Board approval. All other changes in PAC membership shall require Board approval. Changes in individual PAC members should generally coincide with the annual membership review process. In the event that a PAC member

needs to step down outside of this timeframe, the member should notify the PAC Chair (or, as warranted, the Vice-Chair) in writing of the need for change no less than two weeks prior to the next PAC meeting. If the member desires, they may provide a recommendation to the Board on replacement member to the PAC.

The initial term of PAC member representatives shall be until the GSP is completed and approved by DWR. Subsequent terms shall be two years, culminating at the end of a calendar year.

- 5.9 **POLICY ADVISORY COMMITTEE ROLES AND RESPONSIBILITIES.** The PAC, in consultation with the Water Resources Manager, shall be tasked by the Board to develop non-binding proposals on policy matters pertaining to each GSP Element (“PAC Proposals”). The PAC shall strive for consensus in all of its decision-making, particularly when crafting PAC Proposals. If the PAC is unable to reach consensus, the range of opinions provided, including areas of agreement and disagreement, will be documented in meeting summaries (“PAC Meeting Summaries”). PAC Proposals and PAC Meeting Summaries shall be submitted to the Water Resources Manager for initial review and comment. After considering all comments provided by the Water Resources Manager, and incorporating such comments to the extent deemed appropriate by the PAC, the PAC shall submit final PAC Proposals and any final PAC Meeting Summaries to the Board for consideration. If the PAC deems it inappropriate to include any comments or concerns of the Water Resources Manager, the PAC will provide the Board with a detailed reasoning to support its determination.

The Board shall consider all PAC Proposals and PAC Meeting Summaries, as well as any technical information and reports provided by the Water Resources Manager that are requested by the Board, and after such consideration, the Board shall make a final approval of each GSP Element and direct the Water Resources Manager to prepare the GSP Element in accordance with the Board’s approval.

- 5.10 **PAC ATTENDANCE.** PAC member representatives must regularly attend all meetings of the PAC. PAC member representatives who regularly miss PAC meetings may be removed by the action of the Board. PAC member representatives agree to: (1) arrive at each meeting fully prepared to discuss the issues on the agenda, where such preparation includes reviewing meeting minutes, policy information, and draft documents distributed in advance of each PAC meeting; (2) present and represent the views of their constituent group on the issues being discussed and be willing to engage in respectful, constructive dialogue with other members of the PAC; (3) develop a problem-solving approach in which they consider the interests and viewpoints of all stakeholders in the Basin; (4) keep their constituent group informed about ongoing issues and actively seek their input; and (5) pursue the PAC’s purpose and goals and support GSP development and where legally appropriate implementation. An individual appointed by the Board shall prepare written minutes of all PAC meetings, which shall be available for public inspection once reviewed and approved by the PAC.

- 5.11 **TECHNICAL ADVISORY COMMITTEE.** The Board hereby establishes a standing committee named the Technical Advisory Committee (TAC) which will assist the Water

Resources Manager in the preparation of the GSP and will work collaboratively with other committees of the Board.

- 5.12 **TECHNICAL ADVISORY COMMITTEE MEMBERSHIP.** The TAC shall be comprised of individuals representing PAC members, PAC membership categories, and the interests of the Basin landowners and water users. Members of the TAC must have a formal education and experience in a groundwater related field and an understanding of the technical aspects of the Basin or similar groundwater basins in California. Each member of the PAC may nominate one member of the TAC for review and possible approval by the Board. The Board may also appoint members to the TAC that are not affiliated with any PAC members to ensure proper stakeholder representation. The initial TAC membership shall be adopted by Authority Resolution. Said Resolution may be amended in the future as the need arises to reflect changes in appointment of TAC representatives consistent with these Bylaws. The initial term of membership for the TAC shall be until the GSP is completed and approved by DWR. Subsequent terms of membership shall be two years, culminating at the end of a calendar year. The TAC shall appoint a TAC Chairperson and a TAC Vice-Chairperson in consultation with the Water Resources Manager.
- 5.13 **TECHNICAL ADVISORY COMMITTEE ROLES AND RESPONSIBILITIES.** As required by law and as directed by the Board, the Water Resources Manager shall be responsible for the preparation of each technical element of the GSP. The Water Resources Manager shall attend and set the agenda of each TAC meeting so that each technical element of the GSP is presented to the TAC, in draft, to afford the TAC a reasonable opportunity to review and conduct a thorough evaluation prior to finalization of that technical element. In the course of evaluating each draft technical element of the GSP, the TAC shall strive for consensus in preparing written recommendations to the Water Resources Manager (“TAC Proposals”). The TAC shall submit its TAC Proposals to the Water Resources Manager, as well as written summaries of the range of TAC comments reflecting any areas of disagreement for consideration in the final preparation of any GSP Element. If any TAC member disagrees with any proposed GSP element following discussion with the Water Resources manager, that member (or members) may submit a written analysis and objection to the Board no later than 72 hours before that GSP element is considered by the Board. In the event that the GSP is subject to modification, such modifications shall be made in accordance with these Bylaws. The TAC shall not discuss or influence any enforcement aspects of GSP implementation, so as to avoid conflicts of interest and other legal limitations.

ARTICLE 6. BUDGET AND FINANCES

- 6.1 **BUDGET.** The Authority shall operate pursuant to an operating budget adopted in accordance with Section 9.07 of the Agreement. The Authority shall endeavor to operate each year pursuant to an annually balanced budget so that projected annual expenses do not exceed projected annual revenues. If the General Manager or Chairperson determines the approved budget is inadequate, he or she shall submit recommended modifications to the Board for consideration and action. The General

Manager shall implement the approved or revised budget, provided all expenditures for capital improvements shall be approved by the Board before they are undertaken.

- 6.2 **APPROVAL OF WARRANTS AND SIGNATURE OF CHECKS.** The Board shall approve all warrants and authorize issuance of checks in payment thereof. A check register showing the check number, payee, amount, and the purpose of each check, as prepared by the Treasurer, will be sent to the Board as required by the Brown Act. Checks in payment of utility bills, postage, payroll, payroll taxes, credit union collections, petty cash, emergency repairs, and invoices subject to discount and interfund transfers may be disbursed prior to Board approval. Such items shall be set forth on the next regular check register and presented to the Board.
- 6.3 **GENERAL AND SPECIAL BOOKS OF ACCOUNT.** The Treasurer shall maintain books of account in accordance with accepted accounting principles showing the status of all monies received and disbursed. Such general and special fund accounts shall be maintained as are necessary to accomplish the purpose of the Authority.
- 6.4 **FUND DEPOSITORIES.** Currently the County of Kern is Fiscal Agent and Treasurer for the Authority and all funds of the Authority are deposited with the County of Kern. If the Board desires to designate a new depository for Authority funds, the Board shall do so through a written policy included herein.

ARTICLE 7. DEBTS AND LIABILITIES

- 7.1 **DEBTS AND LIABILITIES.** Except as may be specifically provided for in the Agreement and/or California Government Code Section 895.2 as amended or supplemented, the debts, liabilities, and obligations of the Authority are not, and will not be, the debts, liabilities, or obligations of any or all of the Members. However, nothing in this Article or in the Agreement prevents, or impairs the ability of, a Member or Members, from agreeing, in a separate agreement, to be jointly and/or severally liable, in whole or in part, for any debt, obligation, or liability of the Authority, including, but not limited to, any bond or other debt instrument issued by the Authority.

ARTICLE 8. RECORDS RETENTION

- 8.1 **RECORDS RETENTION POLICY.** The Authority shall adopt a records retention policy. This policy will provide criteria and procedures for the retention or destruction of Authority records.
- 8.2 **MAINTENANCE AND INSPECTION OF AGREEMENT AND BYLAWS.** The Authority will keep at its principal executive office the original or copy of the Agreement and these Bylaws as amended to date, which will be open to inspection by the Authority or any Member at all reasonable times during office hours.

- 8.3 **INSPECTION RIGHTS OF MEMBERS.** Provided that upon the advice of General Counsel no legal conflict exists, any Member may inspect any record of the Authority, including, but not limited to, the accounting books and records and minutes of the proceedings of the Board and committees of the Board, at any reasonable time. A designated representative of the entity may make any inspection and copying under this Section, and the right of inspection includes the right to copy.
- 8.4 **INSPECTION BY DIRECTORS.** Provided that upon the advice of General Counsel no legal conflict exists, any Director may inspect any record of the Authority, including but not limited to the accounting books and records and minutes of the proceedings of the Board and committees of the Board, at any reasonable time. A designated representative of the entity may make any inspection and copying under this Section and the right of inspection includes the right to copy.
- 8.5 **INSPECTION BY THE PUBLIC.** As directed and permitted by law, Authority records are open to inspection by the public.
- 8.6 **WEBSITE POLICY.** The Authority shall establish a public website where all pertinent documentation, not specifically protected by law, may be openly inspected by the public. Documents shall generally include, but are not limited to: all agendas, minutes, resolutions, and ordinances of the Board and its standing committees; all public written briefings, presentations, and correspondence of the Board and its standing committees; and all public financial and technical reports that are not protected by law.

ARTICLE 9. CODE OF ETHICS

- 9.1 **DECLARATION OF POLICY.** The proper operation of democratic government requires that public officials and employees be independent, impartial, and responsible to the people; that government decisions and policy be made in the proper channels of the governmental structure; that public office not be used for personal gain; and the public have confidence in the integrity of its government. In recognition of these goals, there is hereby established a Code of Ethics for all officers and employees, whether elected or appointed, paid or unpaid. This Article establishes ethical standards of conduct for Authority officers and employees by setting forth those acts or actions that are incompatible with the best interests of the Authority and by directing the officers' disclosure of private financial or other interests in matters affecting the Authority.
- 9.2 **RESPONSIBILITIES OF PUBLIC OFFICE.** Public officials and employees are agents of public purpose and hold office for the benefit of the public. They are bound to uphold the United States and State Constitution and to carry out impartially the laws of the nation, State, and the Authority, thus to foster respect for all governments. They are bound to observe, in their official acts, the highest standards of performance and to discharge faithfully the duties of their office, regardless of personal considerations. Recognizing that the public interests must be their primary concern, their conduct in both their official and private affairs should be above reproach.

- 9.3 **DEDICATED SERVICE.** Officers and employees owe a duty of loyalty to the political objectives expressed by the electorate and the programs developed by the Board to attain those objectives. Appointive officers and employees should adhere to the rules of work and performance established as the standards for their positions by the appropriate authority. Officers and employees should not exceed their authority or breach the law, or ask others to do so, and owe a duty to cooperate fully with other public officers and employees unless prohibited from so doing by law or by the officially recognized confidentiality of their work.
- 9.4 **FAIR AND EQUAL TREATMENT.** The canvassing of members of the Board, directly or indirectly, to obtain preferential consideration in connection with any appointment to the municipal service, shall disqualify the candidate for appointment except with reference to positions filled by appointment by the Board. Officers and employees shall not request or permit the use of Authority-owned vehicles, equipment, materials, or property for personal convenience or profit, except when such services are available to the public generally or are provided for the use of such officer or employee in the conduct of official business. Officers and employees shall not grant special consideration, treatment, or advantage to a member of the public beyond what is available to every other member of the public.
- 9.5 **POLITICAL ACTIVITIES.** Officers and employees shall not solicit or participate in soliciting an assessment; subscription of contribution to a political party during working hours on property owned by the Authority and shall conform to Government Code Sections 3202 and 3203. Officers and employees shall not promise appointment to a position with the Authority.
- 9.6 **EX PARTE COMMUNICATIONS.** A written communication received by an officer or employee shall be made part of the record of decision. A communication concerning only the status of a pending matter shall not be regarded as an ex parte communication.
- 9.7 **AVOIDANCE OF IMPRESSIONS OF CORRUPTIBILITY.** Officers and employees shall conduct their official and private affairs so as not to give a reasonable basis for the impression that they can be improperly influenced in performance of public duties. Officers and employees should maintain public confidence in their performance of the public trust in the Authority. They should not be a source of embarrassment to the Authority and should avoid even the appearance of conflict between their public duties and private interests.
- 9.8 **NO DISCRIMINATION IN APPOINTMENTS.** No person shall be appointed to, removed from, or in any way favored or discriminated against with respect to any appointive administrative office because of such person's race, color, age, religion, gender identification, national origin, political opinions, affiliations, or functional limitation as defined by applicable State or Federal laws, if otherwise qualified for the position or office. This provision shall not be construed to impair administrative discretion in determining the requirements of a position or in a job assignment of a person holding such a position, subject to review by the Board.

- 9.9 **AUTHORITY ALLEGIANCE AND PROPER CONDUCT.** Officers and employees shall not engage in or accept any private employment, or render services for private interest, when such employment or service is incompatible with proper discharge of official duties or would tend to impair independence or judgment or action in the performance of those duties. Officers and employees shall not disclose confidential information concerning the property, government, or affairs of the Authority, and shall not use confidential information for personal financial gain. Officers and employees shall not accept a gift in excess of limits established by State law. Officers and employees shall not accept any gift contingent upon a specific action by the Board. Officers and employees shall not appear on behalf of business or private interests of another before the Board where such appearance would create a potential of having to abstain from Officers participating on that matter or be incompatible with official duties. Officers and employees shall not represent a private interest of another person or entity in any action or proceeding against the interest of the Authority in any litigation to which the Authority is a party. A Director may appear before the Authority on behalf of constituents in the course of duties as a representative of the electorate or in the performance of public or civic obligations.
- 9.10 **PENALTIES.** In addition to any other penalties or remedies provided by law, violation of this Article shall constitute a cause for suspension, removal from office or employment, or other disciplinary action after notice and hearing conducted by the appropriate appointed authority or, in the case of the Board, a majority of such Board.

ARTICLE 10. CLAIMS AGAINST THE AUTHORITY

- 10.1 [RESERVED]

ARTICLE 11. PURCHASING POLICY

- 11.1 [RESERVED]

ARTICLE 12. INVESTMENT POLICY

- 12.1 [RESERVED]

ARTICLE 13. CONFLICT OF INTEREST CODE

- 13.1 **ADOPTION OF CONFLICT OF INTEREST CODE.** The terms of 2 Cal. Code of Regs. Section 18730 and any amendments to it duly adopted by the Fair Political Practices Commission are hereby incorporated by reference and, along with this Article 13, constitute the conflict of interest code of the Indian Wells Valley Groundwater Authority.
- 13.2 **DESIGNATED EMPLOYEES.** Designated employees and consultants shall file their statements with the Indian Wells Valley Groundwater Authority, which will make the

statements available for public inspection and reproduction. (Govt. Code § 81008.)
 Statements for all designated employees will be retained by the agency.

13.2.1	<u>JOB TITLE</u>	<u>DISCLOSURE CATEGORY</u>
	General Counsel	1
	Volunteers	
	Consultants	

Volunteers and Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitations: The Board of Directors may determine in writing that a particular volunteer or consultant, although a “designated position,” is hired to perform a range of duties that is limited in scope and thus is not required to comply fully with the disclosure requirements described in this section. Such determination shall include a description of the duties and, based upon that description, a statement of the extent of disclosure requirements. The Board’s determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

13.2.2 An individual holding one of the above listed positions may contact the Fair Political Practices Commission for assistance or written advice regarding their filing obligations if they believe that their position has been categorized incorrectly. The Fair Political Practices Commission makes the final determination whether a position is covered by section 87200.

13.3 DISCLOSURE CATEGORIES

Category 1: FULL DISCLOSURE. A designated employee in this category is treated as a mandatory/statutory filer and thus must report all reportable interests in real property within the Authority’s jurisdiction, as well as reportable investments, business positions and sources of income, including gifts, loans and travel payments. For the purposes of these provisions, the term jurisdiction includes: those lands within the Indian Wells Valley Groundwater Basin (Basin); those lands that rely on water from the Basin; those lands that are within two miles of the Basin; and, those lands that are within two miles of land that rely on water from the Basin.

Category 2: Full Disclosure (excluding interest in real property). A designated employee in this category must report all reportable investments, business positions and sources of income, including gifts, loans and travel payments.

Category 3: Interests in Real Property. A designated employee in this category must report all reportable interests in real property with the Authority’s jurisdiction,

Category 4: General Contracting For Entire Authority. A designated employee in this category must report all reportable investments, business positions and income, including gifts, loans and travel payments, from sources that provide leased facilities, goods, equipment, vehicles, machinery or services, including training or consulting services, of the type utilized by the Authority.

Category 5: General Contracting For Specific Department. All investments, business positions and income, including gifts, loans and travel payments, from sources that provide leased facilities, goods, equipment, vehicles, machinery or services, including training or consulting services, of the type utilized by the employee's department or area of authority.

Article 13 Adopted by Resolution 03-17 on July 20, 2017

ARTICLE 14. AMENDMENT

- 14.1 AMENDMENT. These Bylaws may be amended from time to time by resolution of the Board.

ARTICLE 15. DEFINITIONS AND CONSTRUCTION

- 15.1 DEFINITIONS AND CONSTRUCTION. Unless specifically defined in these Bylaws, all defined terms shall have the same meaning ascribed to them in the Agreement. If any term of these Bylaws conflicts with any term of the Agreement, the Agreement's terms shall prevail, and these Bylaws shall be amended to eliminate such conflict of terms. Unless the context or reference to the Agreement requires otherwise, the general provisions, rules of construction, and definitions in the California Civil Code will govern the interpretation of these Bylaws.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 6-2

IWVGA RESOLUTION 08-17 (ADDITION OF DAC MEMBERSHIP)

BEFORE THE BOARD OF DIRECTORS INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

In the matter of:

Resolution No. 08-17

RESOLUTION APPOINTING MEMBERS TO THE POLICY ADVISORY COMMITTEE.

I, Lauren Duffy, Secretary of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following resolution, on motion of Director Brown, seconded by Director Breeden, was duly passed and adopted by the Board of Directors at an official meeting this 21st day of September, 2017, by the following vote:

AYES: Breeden, Brown, Gleason, Kingsley, Page

NOES: _____0_____

ABSENT: _____0_____



Secretary of the Board of Directors
Indian Wells Valley Groundwater Authority

RESOLUTION

Section 1. WHEREAS:

(a) The Bylaws of the Indian Wells Valley Groundwater Authority provide that individuals shall be appointed to the Policy Advisory Committee by Resolution;

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. The Board hereby appoints the individuals on the attached Exhibit "A" to the Policy Advisory Committee

EXHIBIT A

Policy Advisory Committee (PAC)

Roster

<u>Category</u>	<u>Name</u>
Large Agriculture	Rodney Stiefater
Large Agriculture	Edward Imsand
Small Agriculture	Patricia Quist
Business Interests	Scott O'Neil
Business Interests	Carol Wilson
Residential Customers of Public Water Agency	Nick Panzer
Residential Customers of Public Water Agency	Renee Westa-Lusk
Domestic Well Owners	West Katzenstein
Domestic Well Owners	Lyle Fisher
Eastern Kern County Resource Conservation District	Donna Thomas
Wholesaler and Industrial User	Steve Godard
Inyokern Community Services District	Tim Carroll
Indian Wells Valley Water District*	Don Zdeba
Department of the Navy*	John Kersey
Bureau of Land Management*	Ryan Klaush

* Non-voting members

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 6-3
PAC MEETING MINUTES (SEPTEMBER 13, 2017)

**INDIAN WELLS VALLEY
GROUNDWATER AUTHORITY
POLICY ADVISORY COMMITTEE**

Indian Wells Valley Water District 500 W. Ridgecrest Blvd. Ridgecrest, CA 93555

MINUTES

Wednesday, September 13, 2017, 6:00 p.m.

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 Alan Christensen at (661) 868-3183. 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 PAC Committee prior to a regular meeting will be available for public inspection and copying at Indian Wells Valley Water District, 500 Ridgecrest Blvd, Ridgecrest, CA 93555, or online at www.co.kern.ca.us/groundwater/.

Statements from the Public

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

All remarks and questions should be addressed to the Committee as a whole and not to any individual member or staff. There will be time after each action item on the agenda to receive comments from the public. Again each speaker will be limited to three (3) minutes. Speakers should be brief and limit their comments to the specific subject being discussed. Persons will be limited to one comment per person unless directed by the Chair.

1. CALL TO ORDER/ROLL CALL

The meeting was called to order by Chair Thomas at 6:00 pm

POLICY ADVISORY COMMITTEE –ROLL CALL

9 Present; 3 absent – Stiefvater, O’Neil, Fisher

Non Voting Members

3 Present; 1 absent – Klaush

Mr. Jim Worth – General Counsel for IWV Board – participated by phone

2. PUBLIC COMMENTS

This time is reserved for the public to address the Committee 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.

13 people in the audience. A request was made to have a sign up sheet to acknowledge attendance.

IWVGA PAC COMMITTEE

Minutes of Meeting of September 13, 2107

3. APPROVAL OF MINUTES

Motion by Mr. Godard and second by Mr. Imsand,

Passed - 9 Ayes

Quist, Wilson, Katzenstein, Godard, Thomas, Panzer, Imsand, Carroll, Westa-Lusk

No- none, 3 absent – Stiefvater, O’Neil, Fisher

4. DISCUSSION ON REQUEST TO GSA BOARD TO ALLOW ALTERNATES AND APPOINTMENT OF ALTERNATES FOR PAC MEMBERSHIP.

Mr. Panzer opposes having alternates and believes the Board has discussed this in the past and is not supportive of the change. He further stated that if the alternates are not in the room at all times and for all discussions the process will not be productive.

Ms. Quist stated she did not see the problem with alternates who would also have to do the ethics training and file Form 700s. She stated that sometimes we can’t be at the meeting because of what is happening in our life and she presented the example of harvest time. Her crop may be harvesting but another person with different crops may be able to attend. She also suggested a proctor as an alternate not appointed to serve but who could act on behalf of the appointed person.

Ms. Wilson noted that if she has to be at another meeting for business purposes than having an alternate from her organization (Board of Realtors) to come to the meetings seems reasonable. She noted that staff could have alternates as she thought the attorney for the PAC was Phillip Hall, and yet Mr. Worth was here tonight.

Mr. Katzenstein asked the PAC members if they agree that the Board should pick the alternates with the same process they were selected.

Ms. Thomas noted that some representatives have not been able to attend due to business commitments and that leaves the particular area unrepresented.

Mr. Imsand expressed concern for the continuity of discussion when different representatives attend. He noted this will take time as the Board would have to the bylaws and select the alternates.

Public Comment

Mr. Nugent noted that Mr. Stiefvater is on harvest and also on other boards. He stated that while Mr. Stiefvater is not here, Mr. Nugent is briefing him and keeping him up to date. He offered to be an alternate and noted that being up to date can be handled.

Pat Farris noted that the PAC is where the heavy lifting is going to be. To have that happen, they need to have alternates to have all groups represented. Otherwise they will lose effectiveness if the groups becomes powerless by not having enough people attend.

IWVGA PAC COMMITTEE
Minutes of Meeting of September 13, 2107

Motion by Ms. Wilson and second by Ms Quist
Request the GSA Board to allow alternates and for the Board to appoint alternates for PAC Membership.

Passed – 7 Ayes and 2 Nos
Ayes - Quist, Wilson, Katzenstein, Godard, Thomas, Carroll, Westa-Lusk
No- Panzer, Imsand
3 absent – Stiefvater, O’Neil, Fisher

5. REPORT AND POTENTIAL RECOMMENDATION TO GSA BOARD REGARDING REPRESENTATION FOR COMMUNITY OF TRONA AS A DISADVANTAGED COMMUNITY ON PAC.

Mr. Godard, representing Searles Valley Mineral Company, had reached out to the community of Trona to discuss representation. He is recommending that Ms. Audrey Schuyler ,who works for the municipal water company, and has been active in the community be appointed as the representative for the community of Trona as a disadvantaged community. He introduced Ms. Skylar to the PAC.

Mr.Zdeba commented that there may be a legal reason that Mr. Godard as the representative of Searles Valley Mineral Company who provides water to the community of Trona needs to remain as the designated Trona representative.

Public Comment

Mr. Decker asked the question “ shouldn’t the Municipal Water District have to send a letter requesting to the appointment and be vetted by the GSA Board ?

Motion by Mr. Panzer and second by Ms Wilson
Resolved to Request the GSA Board to add a PAC seat for the community of Trona as a disadvantaged community and to specifically consider the appointment of Ms. Audrey Skylar.

Passed – 8 Ayes and 1 – Abstain
Ayes – Panzer, Quist, Wilson, Katzenstein, Godard, Thomas, Carroll, Westa-Lusk
Abstain - , Imsand
3 absent – Stiefvater, O’Neil, Fisher

IWVGA PAC COMMITTEE
Minutes of Meeting of September 13, 2107

6. CONTINUED DISCUSSION OF POLICY RECOMMENDATIONS BASED ON QUESTIONS from NICK PANZER (Representative – Residential Customer of Public Water Agency)

- A. BY WHAT DATE SHOULD WE OPERATE WITHIN SUSTAINABLE YIELD?
- B. ON WHAT SCHEDULE SHOULD WE MITIGATE OVERDRAFT ACCRUED SINCE 2014?
- C. HOW SHOULD OUR WATER BUDGET PRIORITIZE WATER USE BY USERS AND USES?
- D. HOW SHOULD WE ENFORCE WATER USE PRIORITIES?
- E. HOW AGGRESSIVELY SHOULD WE INVESTIGATE NEW WATER SOURCES?

Mr. Worth, attending by phone, requested this item be moved to the first item on the agenda, after approval of minutes so he could then leave. The Chair agreed to move the item up.

Mr. Worth reported that the agenda item was “illegally placed on the agenda”. He reported the three legal counsels stated that it was put on the agenda outside the direction of the board or review of counsel. He then recommended it not be discussed tonight, and then said, it should not be discussed tonight.

Mr. Panzer asked if Section 5.9 of the bylaws does not give the PAC authority to do this. Mr. Worth confirmed that all the counsels involved in the IWV GSA agreed it did not.

Chair Thomas stated that there was confusion in starting the PAC as the Board directed the PAC start meeting but we did not have a water resource manager. Ms. Thomas and Ms. Oviatt consulted Chairman Gleason and the staff, who directed the Chair and Ms. Oviatt put together agendas.

Ms. Oviatt reconfirmed that the item was not “illegally “ placed on the agenda, as they followed the process directed by Chairman Gleason and the matter was about the GSP. All agendas were emailed out to IWV staff when sent to PAC and this was the first time any comments were made on the agenda content. This matter was brought to the attention of Ms. Oviatt and Chair Thomas by email which was circulated at 3:00 that afternoon – 3 hours before the meeting.

Mr. Worth clarified that there was nothing done wrong, apologized for the use of the word “illegal” and noted that it had not been reviewed and done appropriately as the GSA Board had not approved the items for PAC discussion.

Mr. Panzer asked Mr Worth if Supervisor Gleason had been informed of this direction or other board members. Mr Worth stated that he had not but he had discussions with staff.

Mr. Katzenstein stated that the purpose of the PAC is to provide public input. Why can't we provide this opportunity ?

IWVGA PAC COMMITTEE

Minutes of Meeting of September 13, 2107

Mr. Worth stated the PAC is not authorized to generate questions, rather they need clear direction on what to talk about. Future agenda items will then be sent through the water resource manager and a determination made of appropriate items for the agenda.

Ms. Wilson expressed concern that they could not discuss items and asked that Mr. Worth’s direction on Item 6, that he stated that evening, be provided in writing and provided to the PAC. Mr. Worth agreed to provide that.

Additional discussion concerned the new process, shared by Ms. Oviatt, from an email from the IWV staff that the agenda would be produced by the IWV Staff and counsel in consultation with Ms. Thomas and Mr Johnson, Water Resource Manager – Stetson Engineering. As the next Board meeting was September 21, 2017 it was determined that the September 21, 2017 PAC meeting was infeasible as there would still be no direction from the Board to create an agenda. Further IWV staff had indicated in the email direction that PAC meetings should be reduced to once a month.

Therefore the PAC was informed that the following meetings would be cancelled and the official schedule adjusted by the IWV staff – September 21, October 18, December 20, 2017.

Mr. Zdeba shared that the TAC is working on dates that would be compatible with the remaining PAC evening meetings on October 12, 2017, November 2, 2017 and December 6, 2017.

Public Comment

Mr. Decker proposed an alternate motion to ask the GSA Board in writing what are the tasks of the PAC and put that topic on the next PAC agenda.

Mr. Hoffman agreed that getting clarity in the process would be helpful.

Mayor Breeden noted that as Board member on the GSA that the PAC’s work is appreciated. No one intended this to happen and we will be resetting and getting beyond this to move forward.

**Motion by Mr. Panzer and second by Mr. Katzenstein
Direct Ms. Thomas to request of the GSA to act on bylaw 5.4 for direction on key policy questions on the GSP for the PAC .**

Passed – 9 Ayes

Ayes – Panzer, Quist, Wilson, Katzenstein, Godard, Thomas, Carroll, Westa-Lusk , Imsand
3 absent – Stiefvater, O’Neil, Fisher

Mr. Worth, acknowledged that he will bring back to staff and counsel and work to have an item put on the September 19, IWV GSA board meeting. Mr. Worth then left the meeting.

7. **CONTINUED DISCUSSION AND RECOMMENDATIONS FOR A STRATEGY FOR OUTREACH TO PUBLIC, TRIBES AND PROPERTY OWNERS.**

Chair Thomas referenced section 353.6 of SGMA which requires an initial notification and section 354.10 Notice and Communication for the plan and stated that the GSA has to send a letter. IWV staff has asked if the PAC would like to submit a paragraph explaining what outreach and representation has already been done for that letter.

Mr. Katzenstein expressed concern that we are being created as a task implementation for outreach and being directed away from providing policy input.

Mr. Panzer noted there has actually been a lot of outreach. However, he has submitted an example of a mailer/postcard that would go to every property owner in the valley and has suggested specific language for action by the PAC. The example was attached to the agenda materials.

Mr. Imsand, Ms. Wilson, Ms Quist and Mr. Zdeba believed that sending the postcard with the suggested wording was premature. Technical answers are needed and further the Board has not clarified what they want the PAC to provide for outreach : A framework (suggest sending out the postcard and who it should go to) or actual product (design the wording of the message)?

Chairman Thomas suggested a public workshop in the evening with a facilitator for public – quarterly or every six months.

Ms. Oviatt offered to create a draft paragraph of outreach efforts for the PAC to consider at the next meeting.

Motion by Ms. Quist and second by Ms. Wilson

Ms. Oviatt to create a summary of what actions have happened for outreach and what plans are pending. Bring draft back for review and place this on the agenda for October 12, 2017, as IWV staff needs for October 13, 2017.

Passed – 9 Ayes

Ayes – Panzer, Quist, Wilson, Katzenstein, Godard, Thomas, Carroll, Westa-Lusk , Imsand
3 absent – Stiefvater, O’Neil, Fisher

Mr. Johnson had provided a data request list for information to include in the Proposition 1 grant application. The PAC members determined that as individual representatives they will be providing letters of commitment and involvement including size of organizations and signatures of members to Mr. Johnson by the middle of October.

IWVGA PAC COMMITTEE

Minutes of Meeting of September 13, 2107

8. FUTURE AGENDA ITEMS DISCUSSION

Presentation of the Danish Study to PAC

9. COMMITTEE MEMBER ANNOUNCEMENTS OR COMMENTS

10. ADJOURN TO NEXT MEETING at 8:15 pm to Next Meeting Thursday, October 12, 2017

13 September, 2017

To:

Indian Wells Valley Groundwater Authority
Policy Advisory Committee (PAC)

From:

C. Lyle Fisher
West E. Katzenstein
Domestic Well Owner (DWO) Representatives on the PAC

Subject:

Domestic Well Owners Recommendations For Agenda Item 7 - 'Continued Discussion And Recommendations For A Strategy For Outreach To Public, Tribes And Property Owners'

Fellow members of the PAC:

Documents provided by the California Department of Water Resources and the Community Water Center provide detailed guidance for public outreach in GSA activities (see 'References' below). These documents summarize statutory requirements for engagement with the public and provide specific relevant references to the GSP Regulations and the Water Code.

The Domestic Well Owner Representatives suggest that the PAC make the following recommendations to the GA Board:

1. Strategies for outreach to the public, tribes, and property owners are adequately described in the GSP guidance documents referenced below. No additional action by the PAC is needed.
2. It would be appropriate for the PAC to approve this recommendation and to encourage the GA Board to follow these DWR guidelines.
3. An effective outreach to domestic well owners and other concerned citizens has been provided for many years by the 'Domestic Well Owners and Concerned Citizen Updates'. See the attached document: **'Background of the Domestic Well Owners and Concerned Citizen Updates'** for more information. The PAC should make the GA Board aware of this long-standing outreach and the example it presents.

References:

1. 'Guidance Document for Groundwater Sustainability Plan - Stakeholder Communication and Engagement', by the California Department of Water Resources
2. 'Guidance Document for Groundwater Sustainability Plan - Engagement with Tribal Communities', by the California Department of Water Resources
3. 'Collaborating for Success: Stakeholder Engagement for Sustainable Groundwater Management Act Implementation', by Community Water Center
4. 'Guidance Document for the Sustainable Management of Groundwater - Preparation Checklist for GSP Submittal', by the California Department of Water Resources
5. 'Guidance Document for the Sustainable Management of Groundwater - Groundwater Sustainability Plan (GSP) Annotated Outline', by the California Department of Water Resources

Background of the Domestic Well Owners and Concerned Citizen Updates

by

C. Lyle Fisher

The "*IWV Well Owners and Concerned Citizens Updates*" is a monthly (sometimes more frequent) summary document that was started decades ago to inform rural citizens of the IWV concerning Valley political and technical groundwater supply and well issues. The specific motivation was to alert Valley citizens of our dwindling groundwater supply and the need to address the obvious supply shortfall.

When the *IWV Domestic Well Owners Association* was formed the Updates became an efficient communication path to our Associates, many of whom were having a hard time keeping up with the myriad meetings involved and the complexities of the issues. The total distribution is not known since the primary distribution is greatly expanded by original recipients forwarding to neighbors, mutual and co-op system officers forwarding to members and by regular posting at rural community bulletin boards. The Updates are certainly reaching a strong majority of the IWV domestic, mutual and co-op well owners.

Through the years, other individuals beyond the original recipients were reading the updates who realized that the information presented was useful to a broader range of "*Concerned Citizens*", and the distribution has steadily grown. The *Concerned Citizen* portion of the distribution list has expanded considerably with the broader GSA issues we now face.

The *Updates* always include summaries and explanations of recent meetings, agendas and dates for upcoming meetings, delivered as a timely, readable package and in a format suitable for smart phone and home computer display. The *Updates* typically include "hot" web links to pertinent reference documents, and other useful information relating to water. The archived *Updates* now total over 250 issues.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
SUSTAINABLE GROUNDWATER IMPLEMENTATION GRANT PROGRAM PROPOSAL

ATTACHMENT 6-4
PAC MEETING MINUTES (AUGUST 3, 2017)

**INDIAN WELLS VALLEY
GROUNDWATER AUTHORITY
POLICY ADVISORY COMMITTEE**

Indian Wells Valley Water District 500 W. Ridgecrest Blvd. Ridgecrest, CA 93555

MINUTES

Thursday, August 3, 2017, 6:00 p.m.

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 Alan Christensen at (661) 868-3183. 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 PAC Committee prior to a regular meeting will be available for public inspection and copying at Indian Wells Valley Water District, 500 Ridgecrest Blvd, Ridgecrest, CA 93555, or online at www.co.kern.ca.us/groundwater/.

Statements from the Public

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

All remarks and questions should be addressed to the Committee as a whole and not to any individual member or staff. There will be time after each action item on the agenda to receive comments from the public. Again each speaker will be limited to three (3) minutes. Speakers should be brief and limit their comments to the specific subject being discussed. Persons will be limited to one comment per person unless directed by the Chair.

1. CALL TO ORDER/ROLL CALL

The meeting was called to order by Chair Thomas at 6:05 pm.

Policy Advisory Committee – ROLL CALL

7 Present: 4 absent – Rodney Stiefvater, Edward Imsand, Scott O’Neil, Renee Westa-Lusk

Non- Voting Members

3 Present: 1 absent – Ryan Klaush

2. PUBLIC COMMENTS

Mr. Nugent announced that Mr. Stiefvater was absent due to harvest and asked if the Board had taken action on allowing alternatives.

3. APPROVAL OF MINUTES

Motion by Mr. Panzer and second by Mr. Fisher

Passed – 7 Ayes – Quist, O’Neil, Wilson, Panzer, Katzenstein, Fisher, Thomas, Godard

No – none , 4 absent

4. DISCUSSION OF POLICY RECOMMENDATIONS BASED ON QUESTIONS FROM NICK PANZER :

- A. BY WHAT DATE SHOULD WE OPERATE WITHIN SUSTAINABLE YIELD
- B. ON WHAT SCHEDULE SHOULD WE MITIGATE OVERDRAFT ACCRUED SINCE 2014?
- C. HOW SHOULD OUR WATER BUDGET PRIORITIZE WATER USE BY USERS AND USES?
- D. HOW SHOULD WE ENFORCE WATER USE PRIORITIES ?
- E. HOW AGGRESSIVELY SHOULD WE INVESTIGATE NEW WATER SOURCES?

Mr. Panzer made a presentation of the submitted agenda request and handout. Recommended that results be created and submitted to TAC, GAS and Water Resources Manager by end of September. He reported that the TAC today adopted the number of priority of importing water. Other materials (attached) were handed out and discussed.

Ms. Oviatt suggested a matrix with the various policy recommendations submitted and discussed be created for the next meeting and this matter be continued to next meeting.

PUBLIC COMMENTS –

Mr. Nugent suggested we add a F-funding, G-outreach

Ms. Decker believes that enforcement policies need to be discussed. Mr. Kelso thinks the PAC is on track and the TAC is off track. Ms. Merk wants the handouts available to the public.

Ms. Oviatt requested that materials that are brought by PAC members will be provided to the public and included in minutes if PAC member bring at least 15 copies. The agenda and minutes which include the materials, will be posted online. And two public copies of the PAC notebook materials will be placed on the back table each meeting for review.

Motion by Mr. Godard and second by Ms. Quist to put this on the agenda for next meeting with a matrix for discussions and to use to organize discussion.

Passed – 7 Ayes – Quist, O’Neil, Wilson, Panzer, Katzenstein, Fisher, Thomas, Godard

No – none , 4 absent

5. PRESENTATION FROM KENNEDY/ JENKS CONSULTANTS ON OPPORTUNITIES AND DEADLINES FOR GRANT FUNDING FOR GSP PROJECTS AND PLANNING.

Kennedy/Jenks Consultants made a powerpoint presentation which is attached. They recommended they be retained to assist with the application. And recommended the Board have an annual funding plan and prioritized plans. Ms. Thomas discussed here handout on EKCRD ideas for potential projects.

6. PROPOSED 2017 PAC SCHEDULE FOR REFERRAL TO GSA FOR ADOPTION.

Motion by Mr. Godard and second by Ms. Quist to approve the proposed schedule and refer to the GSA for adoption.

Passed – 7 Ayes – Quist, O’Neil, Wilson, Panzer, Katzenstein, Fisher, Thomas, Godard
No – none , 4 absent

7. DISCUSSION AND RECOMMENDATIONS FOR A STRATEGY FOR OUTREACH TO PUBLIC, TRIBES AND PROPERTY OWNERS.

Ms. Wilson reported as a non-voting member of Board of Realtors to update them on PAC Activities. Mr. Katzenstein and Mr. Fisher is working with the domestic well owners. Mr. Godard will be meeting with Trona to bring recommendations to GSA board. Ms. Thomas is doing outreach to Inyokern CSD. Ms. Quist has a small agricultural group with horse ranchers. Suggestions for outreach included Facebook page for water and dedicated to the GSA, quarterly newspaper column or email newsletter, contact Farm Bureau for outreach, surveys to determine level of understanding, mailers to guarantee that at least every person gets one mailer to educate them on what this means and how to get information, paying for ads on facebook, keep the Inyo mono IRWMP apprised. Funding for the efforts should focus on what grants we need for outreach and disadvantaged communities. The gaps that were identified: City of Ridgecrest residents, small business owners, Trona Municipal Advisory Council (MAC). Chair Thomas thanked the newspaper for attending and writing articles.

PUBLIC COMMENTS –

Mr. Nugent offered \$1500 for website development

Ms. Decker asked how does a disadvantaged community grant benefit the sustainability of the groundwater basin?

Ms. Mead acknowledged the amount of outreach and public involvement being done at the PAC meetings.

Motion by Mr. Godard and second by Ms. Quist to continue the item to the next agenda

Passed – 7 Ayes – Quist, O’Neil, Wilson, Panzer, Katzenstein, Fisher, Thomas, Godard

No – none , 4 absent

8. FUTURE AGENDA ITEMS DISCUSSION

Danish Study report presentation

Disadvantaged community report on Trona and recommendation to Board.

9. COMMITTEE MEMBER ANNOUNCEMENTS OR COMMENTS

None

10. ADJOURN to next scheduled meeting – August 24, 2017 6 pm

Motion by Ms. Quist and second by Ms. Wilson

IWVGA PAC COMMITTEE

Meeting of August 3, 2107

11. Passed – 7 Ayes – Quist, O’Neil, Wilson, Panzer, Katzenstein, Fisher, Thomas, Godard

12. No – none , 4 absent Adjourned at 8:15 pm.