

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

BOARD OF DIRECTORS

A G E N D A

Thursday, August 16, 2018

Open Session 10:00 a.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 Ricca Charlon at (760) 499-5002. Requests must be made as early as possible and at least one full business day before the start of the meeting. Documents and material relating to an open session agenda items that are provided to the IWVGA Board of Directors prior to a regular meeting will be available for public inspection and copying at Indian Wells Valley Water District, 500 Ridgecrest Blvd, Ridgecrest, CA 93555, or online at <https://iwvga.org/>.

Statements from the Public

The public will be allowed to address the Board during Public Comments about subjects within the jurisdiction of the IWVGA Board and that are NOT on the agenda. No action may be taken on off-agenda items unless authorized by law. Questions posed to the Board may be answered after the meeting or at future meeting. Dialog or extended discussion between the public and the Board or staff will be limited in accordance with the Brown Act. 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 Board as a whole and not to any individual Board 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

2. PUBLIC COMMENTS

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

3. PRESENTATION ON IMPORTED WATER MARKETING

4. CONSENT AGENDA

- a. Approve Minutes of Board Meeting July 19, 2018
- b. Approve Expenditures
 - i. Stetson Engineering - \$58,533.81
 - ii. RWG Law - \$4,387.50
 - iii. Daily Independent – Full Ordinance Text \$530.40
 - iv. Daily Independent – 7/10/18 Information meeting \$105.75
 - v. Desert Research Institute (DRI) \$12,866.02
- c. Financial Report
- d. Approval of Nomination for James Mower to fill the recently vacated seat on the PAC

**IWVGA Board of Directors
Meeting of August 16, 2018**

5. WATER RESOURCES MANAGER (WRM) REPORT

- a. Report/Discussion on Plan of Action and Milestones (POAM)
- b. Report on Submittal of Proposition 1 Grant Application Status
- c. Report on Pump fee Status/Schedule
- d. First Draft Groundwater Sustainability Plan (GSP) Outline

6. DISCUSSION ON FISCAL IMPACT REGARDING WATER RESOURCE MANAGER PARTICIPATION AT FUTURE PAC MEETINGS

7. REPORT FROM TECHNICAL ADVISORY COMMITTEE (TAC)

8. REPORT FROM POLICY ADVISORY COMMITTEE (PAC)

9. GENERAL MANAGER'S REPORT

10. CLOSING COMMENTS

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

11. DATE AND TIME OF NEXT MEETING – September 20, 2018; 10:00 a.m.

12. CLOSED SESSION

Government Code § 54957 - Public Employment - General Manager

13. ADJOURN

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

BOARD OF DIRECTORS

MINUTES

Thursday, July 19, 2018, 10:00 a.m.

IWVGA Members Present:

Chairperson Peggy Breeden, City of Ridgecrest	Mick Gleason, Kern County
Peter Brown, Indian Wells Valley Water District	Lauren Duffy, IWVGA Board Clerk
Keith Lemieux, Legal Counsel	Ron Strand, IWVGA General Manager
Stephen Johnson, IWVGA Water Resources Manager	Lauren Duffy, IWVGA Board Clerk
Attending via teleconference is Bob Page, San Bernardino County	

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

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

1. CALL TO ORDER:

The meeting is called to order by Chairwoman Breeden at 10:00 a.m.

The Pledge of Allegiance is led by Chairwoman Breeden.

2. PUBLIC COMMENTS:

Stan Rajtora comments that the Indian Wells Valley Groundwater Authority's (IWVGA) definition of "de-minimis" is not compatible with the State Water Resources Control Board's (SWRCB) definition. Mr. Rajtora suggests the IWVGA reevaluate where it originated its definition of "de-minimis". He further suggests a bigger venue, with more parking, host the future Technical Advisory Committee (TAC) meetings.

Don Zdeba announces there will be a presentation on the Hydrological Conceptual Model (HCM) in City Hall Chambers on July 20, 2018 at 9:00 a.m. The HCM was developed using the SkyTEM data collected in November 2017.

Chip Holloway provides a letter from the Desert Mountain Resource Conservation and Development Council offering their services to the IWVGA for administration and reporting for the 2017 Proposition 1 Sustainable Groundwater Planning Grant, Severely Disadvantaged Communities (SDAC) Water Conservation and Rebate Program, and SDAC Water Audit, Leak Detection and Leak Repair Program.

3. CONSENT AGENDA:

- a. Approve Minutes of Board Meeting June 21, 2018
- b. Approve Expenditures
 - i. Packwrap - \$169.65
 - ii. Stetson Engineering - \$88,912.33
 - iii. A. Christensen - \$285.00
- c. Financial Report

- d. Waive Further Reading. Recommendation: After Legal Counsel has read the title, waive full reading of ordinances considered on this agenda for introduction on first reading or adoption on second agenda. – Item pulled for further discussion.

Chairwoman Breeden requests agenda item 3d. Waive Further Reading be pulled for further discussion.

No public comment.

Motion made by Peter Brown and seconded by Mick Gleason to approve the Minutes of Board Meeting June 21, 2018, Expenditures in the amount of \$169.65 to Packwrap, \$88,912.33 to Stetson Engineers, and \$285.00 to A. Christensen, and the Financial Report. Motion carried unanimously by the following roll call vote:

Director Kingsley	Absent
Director Gleason	Aye
Chairwoman Breeden	Aye
Vice-chair Brown	Aye
Director Page	Aye

The Board hears comments from Judie Decker.

Keith Lemieux comments that he believes agenda item 3d was a mistake, the subject is covered in agenda item 5. Agenda item 3d is not addressed and no action is taken.

4. WATER REOURCES MANAGER REPORT:

a. **Report/Discussion on Plan of Action and Milestones (POAM)**

Jeff Helsley provides a report on the updated POAM. (Available on www.IWVGA.org)

b. **Report on Submittal of Proposition 1 Grant Application Status:**

Steve Johnson comments that Department of Water Resources (DWR) did send the draft Proposition 1 Grant Agreement back to Stetson Engineers with minor changes. DWR asked that three of the exhibits, which provided the work plans and budgets, be reformatted by the end of July 2018 and returned to them.

Mr. Johnson corrects a report he made at the TAC meeting on July 5, 2018. DWR has waived the 50% match requirement for category 2 grant funding.

c. **Discussion/Approval of Draft Well Registration Form, Reporting Form, and Draft FAQ:**

Steve Johnson states that no changes have been made, however several comments were received regarding the complexity of the Registration Form.

The Registration Forms are expected to be sent out early next week.

Once the Registration Forms are returned, Stetson Engineers will customize the Reporting Forms to fit the customer's Registration Form. The goal is so that customers will not see items on the Reporting Form which do not apply to their specific well.

All forms are available online at www.IWVGA.org.

The Board hears comments from Judie Decker, Renee Westa-Lusk, Michael Davis of Gresham and Savage on behalf of Meadowbrook, and Doreen Conaway-Baker.

d. TSS Grant Application Status:

Steve Johnson reports that the first step taken to obtain Technical Support Services (TSS) through DWR is to fill out and submit a general application, which Stetson Engineers has done. The application has been accepted by DWR and the priority date is set.

The next step, through the TAC, is to develop a specific application with areas which the IWVGA may request support from the TSS.

e. Alternative/Imported Water Report:

Jeff Helsley comments that Stetson Engineers is focusing on two imported water concepts. Stetson Engineers has been in contact with Los Angeles Department of Water and Power (DWP), which is about to kick-off a study regarding alternative water supplies for themselves and eventually exploring water marketing and banking opportunities. The project manager on the study mentioned to Stetson Engineers the possibility of banking water in the IWV, which could open up discussions of possible water transfers with DWP. Further discussions and conceptual costs will be presented at future TAC meetings.

Stetson Engineers is also researching transferring water from the Antelope Valley East Kern (AVEK) Water Agency, which has the closest existing infrastructure that moves state water project water to this basin. AVEK Water Agency is open to talk about water banking and transfers with the IWVGA.

The Board hears comments from Joshua Nugent.

Mick Gleason comments that several months ago, Willow Springs Water Bank (WSWB) visited him and discussed water banking. WSWB is looking to increase their water banking to 1 million acre-feet and in order to do that they must apply for various state funding. In order for WSWB to apply and compete well, an entity would need to sign the application and meet several criteria requirements. One of these requirements is the entity must have a Hazard Mitigation Plan, which Kern County has. After much discussion, Kern County agreed to sign WSWB water banking expansion in exchange for 10,000 acre feet. Approximately two or three months later, WSWB presented the plan to Kern County and allotted them 30,000 acre feet for banking.

5. SECOND READING AND ADOPTION, ORDINANCE NO. 02-18 ESTABLISHING GROUNDWATER EXTRACTION FEES AND THE RULES, REGULATIONS AND PROCEDURES FOR THEIR IMPOSITION:

James Worth, Legal Counsel for IWVGA and Indian Wells Valley Water District (IWVWD), provides a brief overview of the Ordinance NO. 02-18 Groundwater Extraction Fees.

Motion made by Peter Brown and seconded by Mick Gleason to waive reading of Ordinance in full and adopt by title only.

The Board hears comments from Zach Boardman.

Motion carried unanimously by the following roll call vote:

Director Kingsley	Absent
Director Gleason	Aye
Chairwoman Breeden	Aye
Vice-chair Brown	Aye
Director Page	Aye

The Board hears comments from Mike Davis, who submits a letter to the Board, Donna Thomas, Joshua Nugent, Judie Decker, Wallace Martin, and Doreen Conaway-Baker.

Motion made by Mick Gleason and seconded by Peter Brown to approve Staff's recommendation and adopt Ordinance No. 02-18, Establishing Groundwater Extraction Fees.

Motion carried by the following roll call vote:

Director Kingsley	Absent
Director Gleason	Aye
Chairwoman Breeden	No
Vice-chair Brown	Aye
Director Page	Aye

Motion is passed by a vote of 3-1.

6. APPROVAL OF AN ASSESSMENT ADVANCE AGREEMENT WITH THE COUNTY OF KERN:

Ron Strand reports on the Agreement between Kern County and the IWVGA presented in the Board Packet. In an effort to provide funding to the IWVGA, Kern County is loaning the IWVGA \$500,000.

Motion made by Mick Gleason and seconded by Peter Brown to approve Staff's recommendation and approve the Assessment Advance Agreement with the County of Kern.

No public comments.

Motion carried unanimously by the following roll call vote:

Director Kingsley	Absent
Director Gleason	Aye
Chairwoman Breeden	Aye
Vice-chair Brown	Aye
Director Page	Aye

7. REVIEW OF PROTOCOL FOR TAC MEETINGS:

Keith Lemieux reviews the protocol for TAC meetings.

Mr. Lemieux clarifies that though it is a Brown Act meeting, it does not require minutes nor action items on the agenda.

The Board hears comments from Mike Davis, and Don Decker, who submitted a comment letter, and Earl Wilson.

8. DISCUSSION ON USE OF KERN COUNTY PUBLIC HEALTH BUILDING ON RIDGECREST BLVD. AS THE IWVGA LOCAL OFFICE WHEN NEW GENERAL MANAGER IS HIRED:

Ron Strand comments that Supervisor Gleason mentioned the possibility of the Kern County Public Health Building being available as a permanent office for the IWVGA and future General Manager. Staff recommends discussion be had on whether an office is needed. If yes, and if the Kern County building is chosen, staff requests that the Board direct it to establish a lease or agreement with Kern County for the building.

Motion made by Peter Brown and seconded by Mick Gleason to direct staff to draft an agreement for the Kern County Public Health Building and present it to the Board at the next IWVGA Board Meeting for approval.

The Board hears comments from Judie Decker and Renee Westa-Lusk.

Motion carried unanimously by the following roll call vote:

Director Kingsley	Absent
Director Gleason	Aye
Chairwoman Breeden	Aye
Vice-chair Brown	Aye
Director Page	Aye

9. REPORT FROM TECHNICAL ADVISORY COMMITTEE (TAC):

Adam Bingham, TAC chair, provides a report from the July 12, 2018 IWVGA TAC Meeting.

10. REPORT FROM POLICY ADVISORY COMMITTEE (PAC):

Keith Lemieux announces that the pre-Board meetings which have been taking place for the past several months, which Board members over time began to attend, will no longer take place. If future meetings take place, they will only include staff members and the chairs of the PAC and TAC.

Donna Thomas, PAC chair, provides a report from the July 12, 2018 IWVGA TAC Meeting.

At 1:25 p.m. Bob Page leaves the meeting via teleconference.

The Board hears comments from Joshua Nugent.

11. GENERAL MANAGER'S REPORT:

Ron Strand reports that Bob Page sent him an email after leaving the conference requesting that staff, going forward when providing an agenda item, include the fiscal impact of the recommended action.

12. CLOSING COMMENTS:

Chairwoman Breeden asks for the following future agenda items: Staff attendance at PAC meetings and a discussion on Brackish Water, as well as further explanation on the Salt and Nutrient Management Plan.

13. DATE AND TIME OF NEXT MEETING:

The next IWVGA Regular Board Meeting will be held on August 16, 2018; at 10:00 a.m.

14. CLOSED SESSION:

Government Code § 54957 – Public Employment – General Manager

No action is taken that would require disclosure under the Brown Act.

15. ADJOURN:

The meeting is adjourned by Chairwoman Breeden at 2:15 p.m.

Respectfully submitted,



Lauren Duffy
Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority



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

Invoice

County of Kern
 County Administrative Office
 1115 Truxtun Ave., 5th Floor
 Bakersfield CA 93301
 ATTN.: Mr. Alan Christensen

Invoice Number: 2652-11

Invoice Date: 7/18/2018

Project #: 2652

Indian Wells Valley Groundwater Authority

Professional Services through 6/30/2018

Water Resources Management

01 - Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	32.50	\$230.00	\$7,475.00
Supervisor I	8.00	\$200.00	\$1,600.00
Associate I	12.75	\$115.00	\$1,466.25
Assistant II	1.25	\$90.00	\$112.50
<i>Professional Services Subtotal:</i>			<u>\$10,653.75</u>

Reimbursables	Charge
Reproduction (Color)	\$16.91
Mileage	\$305.20
Reproduction	\$3.90
<i>Reimbursables Subtotal:</i>	<u>\$326.01</u>

Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev \$10,979.76

02 - Preparation of Prop 1 Application Grant Funding/DWR Coordn/Auth Financial Pla

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
Associate I	11.50	\$115.00	\$1,322.50
<i>Professional Services Subtotal:</i>			<u>\$1,522.50</u>

Preparation of Prop 1 Application Grant Funding/DWR Coordn/Auth Financial Pla \$1,522.50

02.01 - Prop 1 Grant Administration

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	15.25	\$230.00	\$3,507.50
Supervisor I	5.00	\$200.00	\$1,000.00
Supervisor II	6.50	\$185.00	\$1,202.50
Associate I	12.75	\$115.00	\$1,466.25
Assistant III	0.75	\$85.00	\$63.75
<i>Professional Services Subtotal:</i>			<u>\$7,240.00</u>

Prop 1 Grant Administration Subtotal: \$7,240.00

04.01 - Data Gaps

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor II	6.00	\$185.00	\$1,110.00
<i>Professional Services Subtotal:</i>			<u>\$1,110.00</u>

Data Gaps Subtotal: \$1,110.00

04.02 - Data Management System

**04.02 - Data Management System****Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	3.75	\$115.00	\$431.25
<i>Professional Services Subtotal:</i>			<u>\$431.25</u>
<i>Data Management System Subtotal:</i>			<u>\$431.25</u>

05 - Project Management Costs & Schedule**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	33.00	\$115.00	\$3,795.00
Associate III	2.50	\$105.00	\$262.50
<i>Professional Services Subtotal:</i>			<u>\$4,057.50</u>
<i>Project Management Costs & Schedule Subtotal:</i>			<u>\$4,057.50</u>

05A - POAM**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	2.50	\$115.00	\$287.50
Administrative II	2.50	\$65.00	\$162.50
<i>Professional Services Subtotal:</i>			<u>\$450.00</u>
<i>POAM Subtotal:</i>			<u>\$450.00</u>

06 - IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compliance)/Numeric**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor II	21.00	\$185.00	\$3,885.00
<i>Professional Services Subtotal:</i>			<u>\$3,885.00</u>

Reimbursables

	<u>Charge</u>
Lodging	\$221.70
Meals	\$32.63
Mileage	\$153.70
<i>Reimbursables Subtotal:</i>	<u>\$408.03</u>

IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compliance)/Numerica \$4,293.03

07 - IWVGW Basin Opptys & Constraints for Alt Imported Water Supplies**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	7.00	\$200.00	\$1,400.00
Associate I	9.25	\$115.00	\$1,063.75
Assistant II	9.50	\$90.00	\$855.00
<i>Professional Services Subtotal:</i>			<u>\$3,318.75</u>

Reimbursables

	<u>Charge</u>
Reproduction (Color)	\$4.45
Reproduction	\$17.70
<i>Reimbursables Subtotal:</i>	<u>\$22.15</u>

IWVGW Basin Opptys & Constraints for Alt Imported Water Supplies Subtotal: \$3,340.90

09 - Other Ongoing Studies/Review (Brackish Water, USGS Recharge, Subsidence, Geop**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	3.50	\$230.00	\$805.00
Supervisor II	9.00	\$185.00	\$1,665.00
Assistant II	104.00	\$90.00	\$9,360.00
<i>Professional Services Subtotal:</i>			<u>\$11,830.00</u>

Other Ongoing Studies/Review (Brackish Water, USGS Recharge, Subsidence, Geop \$11,830.00

11.01 - GSP Projects & Testing: Monitoring Wells

**11.01 - GSP Projects & Testing: Monitoring Wells****Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor II	3.00	\$185.00	\$555.00

Professional Services Subtotal: \$555.00

GSP Projects & Testing: Monitoring Wells Subtotal: \$555.00

14 - Pumping Assessment Support**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	27.50	\$230.00	\$6,325.00
Supervisor I	3.00	\$200.00	\$600.00
Associate I	44.25	\$115.00	\$5,088.75
Associate III	2.50	\$105.00	\$262.50
Assistant II	1.00	\$90.00	\$90.00

Professional Services Subtotal: \$12,366.25

Reimbursables

	<u>Charge</u>
Lodging	\$205.02
Mileage	\$152.60

Reimbursables Subtotal: \$357.62

Pumping Assessment Support Subtotal: \$12,723.87

***Water Resources Management Subtotal:* \$58,533.81**

***** Invoice Total *****

\$58,533.81



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

REIMBURSABLES SUMMARY

County of Kern
County Administrative Office
1115 Truxtun Ave., 5th Floor
Bakersfield CA 93301
ATTN.: Mr. Alan Christensen

Invoice Number: 2652-11

Invoice Date: 7/18/2018

Project #: 2652

Indian Wells Valley Groundwater Authority

Professional Services through 6/30/2018

Water Resources Management

01 - Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev GSP

Reimbursables

<u>Description</u>	<u>Date</u>	<u>Units</u>	<u>Unit Rate</u>	<u>Charge</u>	<u>Notes</u>
Mileage	06/21/2018	280.00	\$0.545	\$152.60	
Mileage	06/21/2018	280.00	\$0.545	\$152.60	
Reproduction	06/30/2018	26.00	\$0.15	\$3.90	
Reproduction (Color)	06/30/2018	19.00	\$0.89	\$16.91	
Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Authority &				\$326.01	

06 - IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compliance)/Numerical GW Model

Reimbursables

<u>Description</u>	<u>Date</u>	<u>Units</u>	<u>Unit Rate</u>	<u>Charge</u>	<u>Notes</u>
Meals	06/27/2018	1.00	\$14.00	\$14.00	
Mileage	06/27/2018	141.00	\$0.545	\$76.85	
Meals	06/28/2018	1.00	\$18.63	\$18.63	
Lodging	06/29/2018	1.00	\$221.70	\$221.70	
Mileage	06/29/2018	141.00	\$0.545	\$76.85	
IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP)				\$408.03	

07 - IWVGW Basin Oppty & Constraints for Alt Imported Water Supplies

Reimbursables

<u>Description</u>	<u>Date</u>	<u>Units</u>	<u>Unit Rate</u>	<u>Charge</u>	<u>Notes</u>
Reproduction	06/30/2018	118.00	\$0.15	\$17.70	
Reproduction (Color)	06/30/2018	5.00	\$0.89	\$4.45	
IWVGW Basin Oppty & Constraints for Alt Imported Water Supplies				\$22.15	

14 - Pumping Assessment Support

Reimbursables

<u>Description</u>	<u>Date</u>	<u>Units</u>	<u>Unit Rate</u>	<u>Charge</u>	<u>Notes</u>
Lodging	06/07/2018	1.00	\$205.02	\$205.02	
Mileage	06/07/2018	280.00	\$0.545	\$152.60	
Pumping Assessment Support Sub-Total:				\$357.62	



Quality Inn (CA022)

507 S. China Lake Blvd.
Ridgecrest, CA 93555
(760) 375-9732
GM.CA022@choicehotels.com

Account: 595998955

Date: 6/29/18

Room: 201 S3A

Arrival Date: 6/27/18

Departure Date: 6/29/18

Check In Time: 6/27/18 9:12 PM

Check Out Time: 6/29/18 5:54 AM

Rewards Program ID: GP-JXM23044

You were checked out by: dmaede

You were checked in by: msanch

Total Balance Due: \$0.00

CHOICE ENHANCED RESERVATION

MORAN, JEAN

PO BOX 881

PO BOX 881

CARLSBAD, CA 92018

Post Date	Description	Comment	Amount
6/27/18	Room Charge	#201 MORAN, JEAN	\$98.10
6/27/18	Occupancy Tax		\$9.81
6/27/18	RTID Assessment		\$2.94
6/28/18	Room Charge	#201 MORAN, JEAN	\$98.10
6/28/18	Occupancy Tax		\$9.81
6/28/18	RTID Assessment		\$2.94
6/29/18	Visa Payment		(\$221.70)
		XXXXXXXXXXXX4915	

Folio Summary 6/27/18 - 6/29/18

Room Charge	\$196.20
Occupancy Tax	\$19.62
RTID Assessment	\$5.88
Visa Payment	(\$221.70)

Balance Due: **\$0.00**

This rate is eligible for partner rewards. If this rate is changed, you may no longer be entitled to Choice Privileges points.



Congratulations. You are earning Choice Privileges Points for this stay.

Kristy's Family Restaurant

430 S. China Lake Blvd.
Ridgecrest, California 93555
(760) 375-9132

Server: linda Station: 3

Order #: 71369 Dine In
Table: 19 Guests: 1

1 lemonade 2.39
1 1/2 cobb salad 8.19
> gt

SUB TOTAL: 10.58
Tax 1: 0.87

=====

AMOUNT DUE: \$11.45

Gratuuity: 2.55

Total: \$14-

>> Ticket #: 131 <<

6/27/2018 9:36:18 PM

THANK YOU!

Ales Steakhouse & bar

Check #: 3501/B 6/28/18
Server: Angelberto M 1:21 PM
Table: 14/2B Guests: 0

=== Beverages ===

1 Lemonade 2.75

=== Entrees ===

1 Chicken Club Salad 12.00

Sub-total 14.75
Sales Tax 1.22
TOTAL 15.97

Balance Due 15.97

Suggested Tips:

15% = 2.21
18% = 2.66
20% = 2.95

Thank You!

TIP 2.64
\$18.63

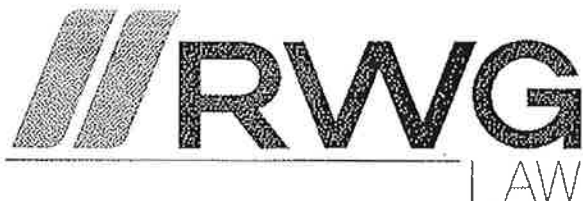
Ridgecrest hotel - SBJ
6/7/18

06/07/2018

CCI*HOTEL RES

800-468-3578 TX

205.02



T 213.626.8484
F 213.626.0078
Fed. I.D. No. 95-3292015

355 South Grand Avenue
40th Floor
Los Angeles, CA 90071-3101

CONFIDENTIAL

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INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
Ridgecrest City Hall
100 W. California Avenue
Ridgecrest, Ca 93555

July 16, 2018
Invoice # 217782

Re: 13005-0002 ADOPTION OF GROUNDWATER IMPLEMENTATION PLAN

For professional services rendered through June 30, 2018:

			Hours
06/18/18	JLM	DOCUMENT REVIEW IN PREPARATION FOR BOARD CLOSED SESSION	2.10
06/19/18	JLM	COMPLETE DOCUMENT REVIEW IN PREPARATION FOR CLOSED SESSION	1.10
06/20/18	JLM	TELEPHONE CALL FROM MR. HALL REGARDING PUMPING ALLOCATIONS	.50
06/21/18	JLM	ATTEND AUTHORITY BOARD MEETING FOR DISCUSSION OF PUMPING ALLOCATIONS	9.80
Total Hours			13.50

Timekeeper Summary

Timekeeper	Hours Worked	Rate Per Hour	Fee Amount
JL MARKMAN	13.50	\$325.00	\$4,387.50

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

Timekeeper	Hours Worked	Rate Per Hour	Fee Amount
Totals	13.50	\$325.00	\$4,387.50

Current Legal Fees.....	\$4,387.50
Current Client Costs Advanced	<u>\$0.00</u>
Total Current Fees and Costs	<u>\$4,387.50</u>



T 213.626.8484
F 213.626.0078
Fed. I.D. No. 95-3292015

355 South Grand Avenue
40th Floor
Los Angeles, CA 90071-3101

CONFIDENTIAL

This material is subject to the attorney-client privilege and/or attorney work product protection, or otherwise is privileged or confidential. Do not disclose the contents hereof. Do not file with publicly-accessible records.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
Ridgecrest City Hall
100 W. California Avenue
Ridgecrest, Ca 93555

July 16, 2018
Invoice # 217782

Re: 13005-0002 ADOPTION OF GROUNDWATER IMPLEMENTATION PLAN

For professional services rendered through June 30, 2018:

Current Legal Fees	\$4,387.50
Current Client Costs Advanced	<u>\$0.00</u>
TOTAL CURRENT FEES AND COSTS	<u>\$4,387.50</u>

TERMS: PAYMENT DUE UPON RECEIPT

PLEASE RETURN THIS PAGE WITH YOUR REMITTANCE TO

RICHARDS, WATSON & GERSHON
355 South Grand Avenue, 40th Floor
Los Angeles, CA 90071-3101

RICHARDS WATSON GERSHON

The Daily Independent
P.O. Box 7
Ridgecrest, CA 93556

Office Hours: Mon - Fri.
8:30 am - 2.30 pm
Phone Number: 760-375-4481
Fax Number: 760-375-4880

City of Ridgcrest

100 W. Califronia Ave

Ridgecrest, CA 93555

Invoice	7/26/2018
Account #	103108

[illegible]

Please Submit Payment to the above address. Should you have any billing questions, please contact:
Advertising Department

Please Submit Payment to the above address. Should you have any billing questions, please contact:
Advertising Department

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

Meeting GWA
Extraction FEE

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 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:

7-5-18

7-7-18

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

EXECUTED ON July 7, 2018, at
Ridgecrest, California.

Declarant Trina Amadeth

NOTICE IS
HEREBY GIVEN
THAT AN INFOR-
MATIONAL MEET-
ING WILL BE HELD
REGARDING THE
INDIAN WELLS
VALLEY GROUND-
WATER AUTHOR-
ITY
GROUNDWATER
EXTRACTION FEE
AT THE

Kerr McGee Com-
munity Center, 100
W. California Ave.,
Ridgecrest, Califor-
nia ON TUESDAY,
JULY 10, 2018, AT
6:00 P.M.

Information will be
provided regarding
the Groundwater Ex-
traction Fee, well
registration, monthly
reporting and collec-
tion of groundwater
extraction fees. All in-

terested persons are
invited to attend the
above described
public special infor-
mational meeting
and the Board of Di-
rectors meeting
noted below. Please
consult the IWVGA
website at
<https://iwvga.org/> for
supporting materials
including the Data
Package, Frequently
Asked Questions
and Well Registra-
tion and Monthly Re-
port forms.

IN ADDITION, THE
GROUNDWATER
EXTRACTION FEE
WILL BE CONSID-
ERED AT THE IN-
DIAN WELLS
VALLEY GROUND-
WATER AUTHOR-
ITY BOARD OF
DIRECTORS MEET-
ING AT THE RIDGE-
CREST CITY HALL,
100 W. CALIFORNIA
AVENUE, RIDGE-
CREST, CALIFOR-
NIA ON THURSDAY,
JULY 19, 2018, AT
10:00 A.M. OR AS
SOON THERE-
AFTER AS THE
MATTERS MAY BE
HEARD.

(07/05/18, 0707/18)

Invoice for Indian Wells Valley Grndwater Authority

INVOICE TO

Indian Wells Valley Groundwater Authority
c/o City of Ridgecrest - City Clerk
100 W. California Ave
Ridgecrest, CA 93555

INVOICE NUMBER: **CI-06-929 / 01**

DATE: 07/25/18

AMOUNT: **\$12,866.02**

TERMS: Due Upon Receipt

Contract/Grant/Agreement/Purchase Order		Period Billed	
Indian Wells Valley Grndwater Authority		From	To
Contract Dated 5/23/18		6/1/2018	6/30/2018
Title: Indian Wells Valley Groundwater Authority / Groundwater Sustainability Plan - Model Coordination			
P.I.: Chapman, Jenny			
DRI Acct: AWD-06-00000423 / GR07189 RC0068		TAX ID #: 886000024	
Cost Elements/Services	Current	Cumulative	

Salaries	7,152.87	7,152.87
Fringe Benefits	3,791.03	3,791.03
Travel	1,922.12	1,922.12
Operating	0.00	0.00
Totals	12,866.02	12,866.02

Total Amount Due This Invoice 12,866.02

Budget Amount 239,934.00
Invoiced to Date 12,866.02
Budget Balance **227,067.98**

"I certify to the best of my ability that all expenditures reported are for appropriate purposes and in accordance with the provisions of the award documentation."

for S Schmidt

Sherril Schmidt, Sponsored Research Specialist
(775) 673-7404

Date: 07/25/18

Make Check Payable To: **Board of Regents**

Mail Check To: **Desert Research Institute
Financial Services Office
2215 Raggio Parkway
Reno, Nevada 89512-1095**

* Please return Invoice Copy with Check *

ITEM 4c

	2017							
	September	October	November	December	January	February	March	April
Expenses								
DESCRIPTION		August Expenses		Partial September Expenses	Remaining September Expenses	October Expenses		November Expenses
Stetson Engineers ₁		\$ 20,530.56		\$ 42,499.24	\$ 15,577.75	\$ 66,241.27		\$ 41,080.36
DESCRIPTION	Q1				Q2			Q3
USGS ₂	\$ 10,335.00				\$ 32,662.04			\$ 22,301.48
DESCRIPTION								
Other								
Total Expenses	\$ 10,335.00	\$ 20,530.56	\$ -	\$ 42,499.24	\$ 48,239.79	\$ 66,241.27	\$ -	\$ 63,381.84
Income								
Member Contributions	\$ 74,364.80							
DWR ₃							\$ 9,818.25	
IWVWD ₄					\$ 100,000.00	\$ 48,239.79	\$ 66,241.27	
County of Kern								
Total Income	\$ 74,364.80		\$ -	\$ -	\$ 100,000.00	\$ 48,239.79	\$ 76,059.52	\$ -
Total Net	\$ 64,029.80	\$ 43,499.24	\$ 43,499.24	\$ 1,000.00	\$ 52,760.21	\$ 34,758.73	\$ 110,818.25	\$ 47,436.41

Notes

- ₁ - October payment - Covers August expenses

December payment - Due to cash flow issues, only a partial payment was made for September expenses

January payment - Covers remaining balance of September invoice

February payment - Covers October expenses

April payment - Covers November expenses

June payment - Covers December expenses

July payment - Covers January 2018 expenses

August payment - Covers February 2018 expenses
- ₂ - September payment covers Q1

January payment - Covers Q2

April payment - Covers Q3

May payment - Covers Q4 - Final invoice
- ₃ - March reimbursement - Covers September USGS invoice with DWR retaining 5%

June reimbrusement - Covers partial Stetson payments made in October and December with DWR retaining 5%

2018							
May	June	July	August	September	October	November	December
December Expenses	Jan 2018 Expenses		Feb-June 2018 Expenses	Average Expenses	Average Expenses	Average Expenses	Average Expenses
\$ 58,764.60	\$ 88,416.42		\$ 360,072.64	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Q4 - Final							
\$ 22,301.48							
Approved - 4/19/18			Pending - 8/16/18	Anticipated Expenses	Anticipated Expenses	Anticipated Expenses	Anticipated Expenses
\$ 76.44			\$ 19,406.56	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
\$ 81,142.52	\$ 88,416.42	\$ -	\$ 379,479.20	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00
\$ 22,734.08							
\$ 63,381.84	\$ 81,142.52	\$ 88,416.42	\$ 52,578.16				
		\$ 500,000.00					
\$ 86,115.92	\$ 81,142.52	\$ 588,416.42	\$ 52,578.16	\$ -	\$ -	\$ -	\$ -
\$ 52,409.81	\$ 45,135.91	\$ 633,552.33	\$ 306,651.29	\$ 251,651.29	\$ 196,651.29	\$ 141,651.29	\$ 86,651.29

AcctNo	AccountName	Crdt/D	BeginningBalance	YTD_Debit	YTD_Credit	CurrentBalance
FundNo: 42927, FundName: INDIAN WELLS VLY GRDWATER JPA						
AccountType: Asset						
0110	CASH IN TREASURY	Debit	133,552.33	588,416.42	88,416.42	633,552.33
Total AccountType: Asset			133,552.33	588,416.42	88,416.42	633,552.33
AccountType: Liability						
1010	WARRANTS PAYABLE	Credit	0.00	88,416.42	88,416.42	0.00
1012	ACCOUNTS PAYABLE	Credit	0.00	88,416.42	88,416.42	0.00
1326	LOAN PAYABLE - OTHER	Credit	(359,005.42)	0.00	500,000.00	(859,005.42)
Total AccountType: Liabi			(359,005.42)	176,832.84	676,832.84	(859,005.42)
AccountType: Net Asset or Fund Balance						
2350	FUND BALANCE AVAILABL	Credit	225,453.09	88,416.42	0.00	313,869.51
2410	ESTIMATED REVENUES	Debit	0.00	0.00	0.00	0.00
2710	REVENUES	Credit	0.00	500,000.00	588,416.42	(88,416.42)
2990	BUDGETARY CLEARING	Debit	0.00	500,000.00	500,000.00	0.00
Total AccountType: Net A			225,453.09	1,088,416.42	1,088,416.42	225,453.09
Total FundNo: 42927, Fun			0.00	1,853,665.68	1,853,665.68	0.00
			0.00	1,853,665.68	1,853,665.68	0.00

Ricca Charlon

From: Donna Hocker <dannah@ridgecrestaor.com>
Sent: Thursday, August 09, 2018 11:03 AM
To: Ricca Charlon
Cc: Debbie Dibble; Norman Alexander; James Mower
Subject: GSA PAC Replacement

Good Morning Ricca,

On behalf of the Ridgecrest Area Association of Realtors our Board of Directors would like to nominate James Mower as the Business Entity representative for the seat on the Policy Advisory Committee for the GSA.

Thank you for your consideration in getting this on the agenda. Let me know if you need anything else.

Donna

Donna Hocker
Association Executive
Ridgecrest Area Association of Realtors
Office - (760) 499-1098
Email - dannah@ridgecrestaor.com
www.ridgecrestaor.com

**INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
GROUNDWATER SUSTAINABILITY PLAN (GSP) DEVELOPMENT
POAM SCHEDULE - DRAFT (August 9, 2018)**

ID	Task Name	Task Responsibility	Predecessors	Budget	Actual Cost	Remaining Cost	Start	Finish	% Complete	2017				2018				2019				Q1			
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
0	POAM billing data through 06/30/2018			\$4,700,821	\$1,608,372	\$3,091,310	Thu 1/1/15	Mon 12/30/19	34%																
1	Water Resources Manager Starts Work - August 2017	-			\$0.00	\$0.00	Thu 8/17/17	Thu 8/17/17	99%																
2	Task 1.0 Initial GSP Support Studies	-		\$167,600	\$167,600.00	\$0.00	Fri 1/1/16	Mon 10/1/18	92%																
11	Task 2.0 Proposition 1 SGMA GSP Development Grant	-		\$103,000	\$69,855.59	\$33,149.04	Fri 9/8/17	Thu 12/26/19	21%																
17	Task 3.0 Data Management System	-		\$371,805	\$98,674.00	\$274,880.64	Thu 8/3/17	Mon 12/2/19	14%																
28	Task 4.0 GSP Development and Submittal	-		\$2,384,900	\$847,865.10	\$1,537,158.76	Thu 1/1/15	Mon 12/30/19	24%																
29	Task 4.1 Prepare/Submit Notification of GSP Preparation to DWR and Local Agencies and Post on Website	-	1		\$0.00	\$0.00	Tue 10/17/17	Tue 10/17/17	100%																
30	Task 4.2 Conceptual and Numerical Basin Modeling	-		\$926,400	\$692,228.10	\$234,209.15	Thu 1/1/15	Mon 7/1/19	74%																
31	Hydrogeologic Conceptual Model			\$31,400	\$17,624.78	\$13,775.22	Wed 10/18/17	Thu 11/1/18	56%																
35	Numerical Groundwater Model	-		\$895,000	\$674,603.31	\$220,433.93	Thu 1/1/15	Mon 7/1/19	75%																
54	Task 4.3 Data Gap Evaluation	-		\$1,055,900	\$32,206.00	\$1,023,697.79	Fri 12/15/17	Tue 12/3/19	17%																
83	Task 4.4 Imported Water Study	-		\$175,000	\$68,108.00	\$106,897.36	Fri 12/15/17	Tue 12/4/18	39%																
89	Task 4.5 Recycled Water Study	-		\$61,000	\$55,323.00	\$5,751.84	Fri 12/15/17	Fri 7/20/18	91%																
96	Task 4.6 Prepare Draft GSP Chapters	-		\$135,300	\$0.00	\$135,301.83	Wed 8/1/18	Fri 6/28/19	0%																
106	Task 4.7 GSP Report Preparation: Develop Draft and Final GSP	-		\$31,300	\$0.00	\$31,300.79	Mon 7/1/19	Mon 8/26/19	0%																
111	Task 4.8 Public Hearing and Adoption of Plan	-			\$0.00	\$0.00	Mon 8/26/19	Mon 12/30/19	0%																
117	Task 5.0 SDAC Projects	-		\$646,000	\$28,950.00	\$617,052.10	Mon 10/9/17	Fri 12/27/19	5%																
118	Water Conservation and Rebate Program	IWVGA/Stetson		\$206,000	\$12,942.00	\$193,060.10	Mon 10/9/17	Fri 12/27/19	6%																
119	Water Audit, Leak Detection, and Leak Repair Program	IWVGA/Stetson		\$440,000	\$16,008.00	\$423,992.00	Mon 10/9/17	Fri 12/27/19	4%																
120	Task 6.0 IWVGA Project Management and Administrative Tasks	-		\$416,766	\$175,208.00	\$241,546.04	Tue 8/1/17	Fri 12/27/19	41%																
131	Task 7.0 Legal Services	IWVGA		\$200,000	\$0.00	\$200,000.00	Tue 8/1/17	Fri 12/27/19	0%																
132	Task 8.0 Stakeholder/Authority Coordination	-		\$289,250	\$175,077.38	\$122,316.41	Tue 8/1/17	Fri 12/27/19	43%																
138	Task 9.0 Groundwater Pumping Fee Support	Stetson		\$121,500	\$56,293.00	\$65,206.59	Thu 2/1/18	Fri 12/27/19	46%																

Project: POAM billing data through 06/30/2018 Date: Thu 8/9/18	Task		Rolled Up Milestone		Inactive Milestone		Start-only		Baseline	
	Critical Task		Rolled Up Progress		Inactive Summary		Finish-only		Baseline Milestone	
	Milestone		Split		Manual Task		External Tasks		Baseline Summary	
	Summary		External Tasks		Duration-only		External Milestone		Progress	
	Rolled Up Task		Project Summary		Manual Summary Rollup		Critical		Deadline	
	Rolled Up Critical Task		Group By Summary		Manual Summary		Critical Split			

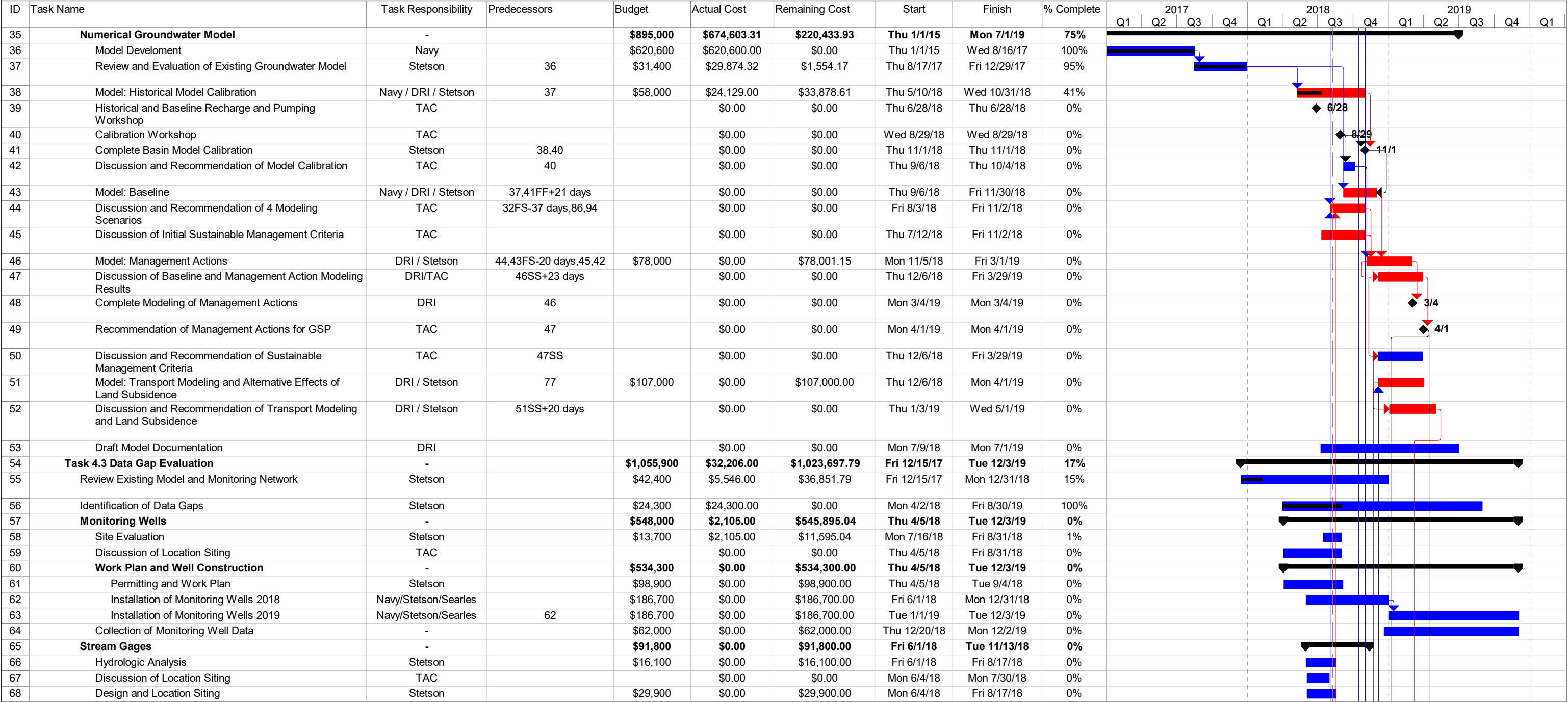
INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
GROUNDWATER SUSTAINABILITY PLAN (GSP) DEVELOPMENT
POAM SCHEDULE - DRAFT (August 9, 2018)

ID	Task Name	Task Responsibility	Predecessors	Budget	Actual Cost	Remaining Cost	Start	Finish	% Complete	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
0	POAM billing data through 06/30/2018			\$4,700,821	\$1,608,372	\$3,091,310	Thu 1/1/15	Mon 12/30/19	34%													
1	Water Resources Manager Starts Work - August 2017	-			\$0.00	\$0.00	Thu 8/17/17	Thu 8/17/17	99%			◆ 8/17										
2	Task 1.0 Initial GSP Support Studies	-		\$167,600	\$167,600.00	\$0.00	Fri 1/1/16	Mon 10/1/18	92%													
3	USGS Recharge Study - Grant Funded	USGS / Kern County		\$87,600	\$87,600.00	\$0.00	Mon 6/5/17	Mon 10/1/18	79%													
4	Brackish Groundwater Resources FS- Brackish Groundwater Study Group Funded	IWVWD / Others			\$0.00	\$0.00	Mon 5/1/17	Mon 10/1/18	75%													
5	Aerial Electro-Magnetic Geophysics Survey- Government and Local Funding	IWVWD / Others			\$0.00	\$0.00	Tue 11/14/17	Tue 7/31/18	85%													
6	Well Database Groundwater Truthing Study	IWVWD / Others			\$0.00	\$0.00	Wed 8/23/17	Wed 12/20/17	100%													
7	Salt and Nutrient Management Plan	IWVWD / Others		\$80,000	\$80,000.00	\$0.00	Fri 1/1/16	Fri 12/29/17	100%													
8	Loading Analysis (Existing)	IWVWD / Ridgecrest		\$30,000	\$30,000.00	\$0.00	Fri 1/1/16	Fri 12/29/17	100%													
9	Mixing Model Development (Existing)	IWVWD / Ridgecrest	8SS	\$30,000	\$30,000.00	\$0.00	Fri 1/1/16	Fri 12/29/17	100%													
10	Reporting and Coordination	IWVWD / Ridgecrest	8SS,9SS	\$20,000	\$20,000.00	\$0.00	Fri 1/1/16	Fri 12/29/17	100%													
11	Task 2.0 Proposition 1 SGMA GSP Development Grant	-		\$103,000	\$69,855.59	\$33,149.04	Fri 9/8/17	Thu 12/26/19	21%													
12	Release final PSP	DWR			\$0.00	\$0.00	Fri 9/8/17	Fri 9/8/17	0%													
13	Prepare Project Application	Stetson	1	\$62,880	\$65,030.59	(\$2,150.59)	Mon 9/11/17	Tue 11/14/17	88%													
14	Submit Project Application	Stetson	13		\$0.00	\$0.00	Wed 11/15/17	Wed 11/15/17	0%													
15	DWR Grant Agreement Coordination	IWVGA / Stetson		\$10,000	\$4,825.00	\$5,179.63	Tue 11/14/17	Fri 9/28/18	46%													
16	DWR Grant Reporting/Coordination	IWVGA / Stetson	15	\$30,120	\$0.00	\$30,120.00	Mon 10/1/18	Thu 12/26/19	0%													
17	Task 3.0 Data Management System	-		\$371,805	\$98,674.00	\$274,880.64	Thu 8/3/17	Mon 12/2/19	14%													
18	Task 3.1 Data Management System Development	-		\$48,605	\$50,379.00	\$0.00	Wed 8/23/17	Wed 1/31/18	100%													
19	Develop a Web-Based GeoDatabase (DMS)	Stetson	1	\$48,605	\$50,379.00	\$0.00	Wed 8/23/17	Wed 1/31/18	100%													
20	Task 3.2 Data Compilation and Analysis	-		\$323,200	\$48,295.00	\$274,880.64	Thu 8/3/17	Mon 12/2/19	7%													
21	Develop Monitoring Protocols for the GSP	Stetson		\$30,900	\$0.00	\$30,900.36	Thu 3/1/18	Fri 9/28/18	0%													
22	Populate Data with Historical Data	Stetson		\$54,200	\$38,295.00	\$15,905.96	Fri 12/15/17	Fri 11/30/18	13%													
23	Install Transducers and Telemetry Equipment	Stetson		\$179,700	\$0.00	\$179,674.02	Fri 6/1/18	Mon 4/29/19	0%													
24	Integrate GSP Goals and Objectives – Adaptive Management	Stetson		\$43,900	\$0.00	\$43,900.30	Mon 4/1/19	Thu 6/27/19	0%													
25	Monitoring Program - Kern County Water Agency and Navy Funded	KCWA / Navy			\$0.00	\$0.00	Thu 8/3/17	Mon 12/2/19	0%													
26	Ramboll Coordination	Stetson		\$10,000	\$10,000.00	\$0.00	Mon 1/1/18	Fri 3/30/18	100%													
27	CASGEM Coordination			\$4,500	\$0.00	\$4,500.00	Tue 11/14/17	Wed 1/31/18	0%													
28	Task 4.0 GSP Development and Submittal	-		\$2,384,900	\$847,865.10	\$1,537,158.76	Thu 1/1/15	Mon 12/30/19	24%													
29	Task 4.1 Prepare/Submit Notification of GSP Preparation to DWR and Local Agencies and Post on Website	-	1		\$0.00	\$0.00	Tue 10/17/17	Tue 10/17/17	100%			◆ 10/17										
30	Task 4.2 Conceptual and Numerical Basin Modeling	-		\$926,400	\$692,228.10	\$234,209.15	Thu 1/1/15	Mon 7/1/19	36%													
31	Hydrogeologic Conceptual Model			\$31,400	\$17,624.78	\$13,775.22	Wed 10/18/17	Thu 11/1/18	56%													
32	Prepare/Review Hydrogeologic Conceptual Model	Stetson	29		\$17,624.78	\$13,775.22	Wed 10/18/17	Tue 6/19/18	56%													
33	Discussion of Hydrogeologic Conceptual Model	TAC			\$0.00	\$0.00	Thu 6/28/18	Wed 10/31/18	0%													
34	Discussion of Water Budget	TAC			\$0.00	\$0.00	Thu 2/1/18	Thu 11/1/18	0%													

Project: POAM billing data through 06/30/2018
Date: Thu 8/9/18

Task		Rolled Up Milestone	◆	Inactive Milestone		Start-only		Baseline	
Critical Task		Rolled Up Progress		Inactive Summary		Finish-only		Baseline Milestone	◆
Milestone	◆	Split		Manual Task	◆	External Tasks	◆	Baseline Summary	
Summary		External Tasks		Duration-only		External Milestone		Progress	
Rolled Up Task		Project Summary		Manual Summary Rollup	◆	Critical		Deadline	↓
Rolled Up Critical Task		Group By Summary		Manual Summary	◆	Critical Split			

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
GROUNDWATER SUSTAINABILITY PLAN (GSP) DEVELOPMENT
POAM SCHEDULE - DRAFT (August 9, 2018)



Project: POAM billing data through 06/30/2018
Date: Thu 8/9/18

Task		Rolled Up Milestone		Inactive Milestone		Start-only		Baseline	
Critical Task		Rolled Up Progress		Inactive Summary		Finish-only		Baseline Milestone	
Milestone		Split		Manual Task		External Tasks		Baseline Summary	
Summary		External Tasks		Duration-only		External Milestone		Progress	
Rolled Up Task		Project Summary		Manual Summary Rollup		Critical		Deadline	
Rolled Up Critical Task		Group By Summary		Manual Summary		Critical Split			

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
GROUNDWATER SUSTAINABILITY PLAN (GSP) DEVELOPMENT
POAM SCHEDULE - DRAFT (August 9, 2018)

ID	Task Name	Task Responsibility	Predecessors	Budget	Actual Cost	Remaining Cost	Start	Finish	% Complete	2017				2018				2019				Q1
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
69	Equipment Purchase, Installation, and Testing	Stetson		\$45,800	\$0.00	\$45,800.00	Tue 7/17/18	Tue 11/13/18	0%													
70	Weather Stations	-		\$68,400	\$0.00	\$68,400.00	Tue 10/2/18	Tue 3/19/19	0%													
71	Discussion of Location Siting	TAC	3		\$0.00	\$0.00	Tue 10/2/18	Tue 12/18/18	0%													
72	Design and Location Siting	Stetson	71SS	\$16,300	\$0.00	\$16,300.00	Tue 10/2/18	Tue 12/18/18	0%													
73	Equipment Purchase	Stetson	72	\$29,400	\$0.00	\$29,400.00	Wed 12/19/18	Fri 2/15/19	0%													
74	Installation and Testing	Stetson	73	\$22,700	\$0.00	\$22,700.00	Mon 2/18/19	Tue 3/19/19	0%													
75	Water Quality and Stable Isotope Sampling and Analysis	-		\$108,700	\$0.00	\$108,699.06	Wed 8/1/18	Mon 4/1/19	0%													
76	Discussion of Sampling	TAC			\$0.00	\$0.00	Wed 8/1/18	Fri 9/28/18	0%													
77	Surface and Groundwater Sampling	Stetson	76	\$81,500	\$0.00	\$81,499.36	Mon 10/1/18	Thu 11/1/18	0%													
78	Geochemical Reaction and Transport Analysis	DRI	77	\$27,200	\$0.00	\$27,199.70	Fri 11/2/18	Mon 4/1/19	0%													
79	Aquifer Tests	-		\$172,300	\$255.00	\$172,051.90	Thu 4/5/18	Wed 5/15/19	0%													
80	Discussion of Test Locations	TAC			\$0.00	\$0.00	Thu 4/5/18	Thu 10/4/18	0%													
81	Prepare Aquifer Test Work Plan	Stetson		\$36,100	\$255.00	\$35,845.00	Tue 9/4/18	Thu 11/15/18	0%													
82	Perform Aquifer Testing	Stetson	81	\$136,200	\$0.00	\$136,206.90	Fri 11/16/18	Wed 5/15/19	0%													
83	Task 4.4 Imported Water Study	-		\$175,000	\$68,108.00	\$106,897.36	Fri 12/15/17	Tue 12/4/18	39%													
84	Evaluate Potential Imported Water Supply Sources	Stetson		\$75,000	\$68,108.00	\$6,896.77	Fri 12/15/17	Thu 7/12/18	90%													
85	Evaluate Water Banking Alternatives and Extraction Schedule	Stetson	84FF	\$25,000	\$0.00	\$25,000.00	Mon 1/1/18	Thu 7/12/18	0%													
86	Discussion and Recommendation of Imported Water Feasibility	TAC	87FF		\$0.00	\$0.00	Thu 3/22/18	Thu 8/2/18	0%													
87	Evaluate Infrastructure Requirements	Stetson		\$25,000	\$0.00	\$25,000.00	Tue 5/1/18	Thu 8/2/18	0%													
88	Prepare Technical Memorandum	Stetson	86,84,85	\$50,000	\$0.00	\$50,000.59	Fri 8/3/18	Tue 12/4/18	0%													
89	Task 4.5 Recycled Water Study	-		\$61,000	\$55,323.00	\$5,751.84	Fri 12/15/17	Fri 7/20/18	91%													
90	Existing Supply and Demand Analysis	Stetson		\$6,600	\$6,600.00	\$0.00	Fri 12/15/17	Tue 1/30/18	100%													
91	Identify Existing Recycled Water Infrastructure and Users	Stetson	90	\$6,000	\$6,070.00	\$0.00	Wed 1/31/18	Wed 2/28/18	100%													
92	Review Regulatory and Institutional Requirements	Stetson	90	\$3,400	\$3,400.00	\$0.00	Wed 1/31/18	Wed 2/28/18	100%													
93	Identify and Evaluate Potential Recycled Water Users	Stetson / IWVGA	91,92	\$20,000	\$20,000.00	\$0.00	Thu 3/1/18	Tue 5/1/18	100%													
94	Discussion and Recommendation of Recycled Water Feasibility	TAC	90,91,93FF		\$0.00	\$0.00	Thu 3/1/18	Thu 7/12/18	0%													
95	Prepare Technical Memorandum	Stetson	93	\$25,000	\$19,253.00	\$5,751.84	Wed 5/2/18	Fri 7/20/18	77%													
96	Task 4.6 Prepare Draft GSP Chapters	-		\$135,300	\$0.00	\$135,301.83	Wed 8/1/18	Fri 6/28/19	0%													
97	GSP Report Preparation: Prepare Introduction Chapter	Stetson		\$1,200	\$0.00	\$1,199.81	Wed 8/1/18	Fri 9/28/18	0%													
98	Prepare Plan Area and Basin Setting Chapter	Stetson	4,10,32	\$16,200	\$0.00	\$16,200.43	Fri 11/2/18	Thu 3/7/19	0%													
99	Prepare Projects and Management Actions to Achieve Sustainability Goal Chapter	Stetson	49,52FS-22 days,86,94	\$50,000	\$0.00	\$50,000.59	Tue 4/2/19	Fri 6/28/19	0%													
100	Prepare Sustainable Management Criteria Chapter	Stetson	50SS+18 days	\$30,000	\$0.00	\$29,999.76	Tue 1/1/19	Fri 5/31/19	0%													
101	Plan Implementation				\$0.00	\$34,999.96	Fri 2/1/19	Fri 6/28/19	0%													
102	Discussion and Recommendation of Plan Implementation	TAC	49FS-42 days		\$0.00	\$0.00	Fri 2/1/19	Thu 6/6/19	0%													

Project: POAM billing data through 06/30/2018
Date: Thu 8/9/18

Task		Rolled Up Milestone		Inactive Milestone		Start-only		Baseline	
Critical Task		Rolled Up Progress		Inactive Summary		Finish-only		Baseline Milestone	
Milestone		Split		Manual Task		External Tasks		Baseline Summary	
Summary		External Tasks		Duration-only		External Milestone		Progress	
Rolled Up Task		Project Summary		Manual Summary Rollup		Critical		Deadline	
Rolled Up Critical Task		Group By Summary		Manual Summary		Critical Split			

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
GROUNDWATER SUSTAINABILITY PLAN (GSP) DEVELOPMENT
POAM SCHEDULE - DRAFT (August 9, 2018)

ID	Task Name	Task Responsibility	Predecessors	Budget	Actual Cost	Remaining Cost	Start	Finish	% Complete	2017				2018				2019				Q1
										Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
103	GSP Report Preparation: Prepare Plan Implementation Chapter	Stetson	102FS-23 days	\$35,000	\$0.00	\$34,999.96	Tue 5/7/19	Fri 6/28/19	0%													
104	GSP Report Preparation: Prepare References and Technical Studies Chapter	Stetson		\$2,000	\$0.00	\$2,000.68	Mon 6/3/19	Fri 6/28/19	0%													
105	GSP Report Preparation: Prepare Executive Summary Chapter	Stetson		\$900	\$0.00	\$900.60	Mon 6/3/19	Fri 6/28/19	0%													
106	Task 4.7 GSP Report Preparation: Develop Draft and Final GSP	-		\$31,300	\$0.00	\$31,300.79	Mon 7/1/19	Mon 8/26/19	0%													
107	Prepare Review Draft GSP Report	Stetson	97,98,99,100,103,104,105		\$0.00	\$0.00	Mon 7/1/19	Wed 7/31/19	0%													
108	Submit Review Draft GSP Report to IWVGA Board, TAC, and PAC	Stetson	107		\$0.00	\$0.00	Thu 8/1/19	Thu 8/1/19	0%													
109	Review Draft Comment Period	IWVGA/TAC/PAC	108		\$0.00	\$0.00	Fri 8/2/19	Thu 8/15/19	0%													
110	Prepare Final Draft GSP Report	Stetson	109		\$0.00	\$0.00	Fri 8/16/19	Mon 8/26/19	0%													
111	Task 4.8 Public Hearing and Adoption of Plan	-			\$0.00	\$0.00	Mon 8/26/19	Mon 12/30/19	0%													
112	Submit 90-Day Notice of Public Hearing	IWVGA	110		\$0.00	\$0.00	Mon 8/26/19	Mon 8/26/19	0%													
113	Public Hearing	IWVGA	112FS+65 days		\$0.00	\$0.00	Mon 11/25/19	Mon 11/25/19	0%													
114	Prepare Final GSP Report (Incorporate Public Input)	Stetson	113		\$0.00	\$0.00	Tue 11/26/19	Wed 12/18/19	0%													
115	IWVGA Approval	IWVGA	114		\$0.00	\$0.00	Thu 12/19/19	Fri 12/27/19	0%													
116	Submit Final GSP to DWR		115		\$0.00	\$0.00	Mon 12/30/19	Mon 12/30/19	0%													
117	Task 5.0 SDAC Projects	-		\$646,000	\$28,950.00	\$617,052.10	Mon 10/9/17	Fri 12/27/19	5%													
118	Water Conservation and Rebate Program	IWVGA/Stetson		\$206,000	\$12,942.00	\$193,060.10	Mon 10/9/17	Fri 12/27/19	6%													
119	Water Audit, Leak Detection, and Leak Repair Program	IWVGA/Stetson		\$440,000	\$16,008.00	\$423,992.00	Mon 10/9/17	Fri 12/27/19	4%													
120	Task 6.0 IWVGA Project Management and Administrative Tasks	-		\$416,766	\$175,208.00	\$241,546.04	Tue 8/1/17	Fri 12/27/19	41%													
121	Consultant Management and GSP Development	IWVGA		\$24,500	\$9,625.00	\$14,871.90	Tue 8/1/17	Fri 12/27/19	39%													
122	Financial Management	IWVGA		\$8,500	\$3,339.00	\$5,158.24	Tue 8/1/17	Fri 12/27/19	39%													
123	Budget Development and Administration	IWVGA		\$12,500	\$4,911.00	\$7,584.94	Tue 8/1/17	Fri 12/27/19	39%													
124	Schedule/Budget Management	Stetson		\$52,000	\$22,499.00	\$29,498.26	Tue 8/1/17	Fri 12/27/19	43%													
125	General Project Management	Stetson		\$74,800	\$38,793.00	\$36,011.80	Tue 8/1/17	Fri 12/27/19	52%													
126	Travel	IWVGA		\$6,000	\$2,357.00	\$3,642.70	Tue 8/1/17	Fri 12/27/19	39%													
127	Insurance	IWVGA		\$15,000	\$5,893.00	\$9,106.26	Tue 8/1/17	Fri 12/27/19	39%													
128	Conferences/Training	IWVGA		\$3,000	\$1,179.00	\$1,820.03	Tue 8/1/17	Fri 12/27/19	39%													
129	Miscellaneous	IWVGA		\$10,000	\$3,929.00	\$6,070.51	Tue 8/1/17	Fri 12/27/19	39%													
130	City of Ridgecrest Services	Ridgecrest		\$210,466	\$82,683.00	\$127,781.42	Tue 8/1/17	Fri 12/27/19	39%													
131	Task 7.0 Legal Services	IWVGA		\$200,000	\$0.00	\$200,000.00	Tue 8/1/17	Fri 12/27/19	0%													
132	Task 8.0 Stakeholder/Authority Coordination	-		\$289,250	\$175,077.38	\$122,316.41	Tue 8/1/17	Fri 12/27/19	43%													
133	IWVGA/TAC/PAC Coordination	Stetson		\$144,250	\$130,622.00	\$13,622.03	Tue 8/1/17	Fri 12/27/19	91%													
134	GSA Baord Meetings	IWVGA		\$42,000	\$16,500.00	\$25,499.19	Tue 8/1/17	Fri 12/27/19	39%													
135	PAC/TAC Meetings	IWVGA		\$19,000	\$7,464.00	\$11,535.63	Tue 8/1/17	Fri 12/27/19	39%													
136	Community Outreach	IWVGA		\$21,000	\$16,401.38	\$12,749.60	Tue 8/1/17	Fri 12/27/19	39%													
137	Stakeholder Coordination	Stetson		\$63,000	\$4,090.00	\$58,909.95	Tue 8/1/17	Fri 12/27/19	6%													
138	Task 9.0 Groundwater Pumping Fee Support	Stetson		\$121,500	\$56,293.00	\$65,206.59	Thu 2/1/18	Fri 12/27/19	46%													

Project: POAM billing data through 06/30/2018
Date: Thu 8/9/18

Task		Rolled Up Milestone		Inactive Milestone		Start-only		Baseline	
Critical Task		Rolled Up Progress		Inactive Summary		Finish-only		Baseline Milestone	
Milestone		Split		Manual Task		External Tasks		Baseline Summary	
Summary		External Tasks		Duration-only		External Milestone		Progress	
Rolled Up Task		Project Summary		Manual Summary Rollup		Critical		Deadline	
Rolled Up Critical Task		Group By Summary		Manual Summary		Critical Split			

IWVGA Board Meeting August 16, 2018

ITEM 5b

► Prop 1 Status/Schedule

- Draft Prop 1 Grant Agreement exhibits submitted 7/30/18
 - Comments received from DWR on 8/2/18
 - Revised Prop 1 Grant Agreement exhibits submitted 8/10/18
- DWR internal deadline for submittal to management for review of Grant Agreement: 8/15/18
- DWR goal to have grant agreements signed/executed:
End of September 2018
- Submittal of First Progress Report/Invoice: Required within 4 months of executed agreement; Goal: Submitted by November 2018

IWVGA Board Meeting

August 16, 2018

ITEM 5c

► Pumping Fee Status/Schedule

- Pumping Fee adopted 7/19/18
- Registration forms sent 7/26/18 to 68 well/system owners considered to be non-de minimis
- Registration forms due 8/20/18
- September Pumping reporting forms intended to be sent on 8/24/18
- First month of fee is September (First meter recording on September 1st)
- October Pumping Report forms mailed by 9/24/18
- September Pumping Report forms and first payments to be returned to Water District by 10/10/18
- Internal Staff meetings on Pump Fee administration and work on full identification of all Wells

INDIAN WELLS VALLEY GROUNDWATER BASIN

PRELIMINARY DRAFT GSP OUTLINE

JULY 26, 2018

SECTION 1: INTRODUCTION

1.1 PURPOSE OF THE GROUNDWATER SUSTAINABILITY PLAN

1.2 SUSTAINABILITY GOAL (BRIEF DESCRIPTION)

1.3 AGENCY INFORMATION

1.3.1 Organization and Management Structure of the Indian Wells Valley Groundwater Authority

1.3.1.1 Agency Interest and Roles (Ridgecrest, IWVWD, Kern County, San Bernardino County, Inyo County, Navy, BLM)

1.3.1.2 TAC and PAC

1.3.2 Legal Authority

1.3.3 Implementation Costs

1.4 NOTICE AND COMMUNICATION

1.4.1 PAC Stakeholder/Public Outreach

1.5 GSP ORGANIZATION (BRIEF DESCRIPTION)

SECTION 2: PLAN AREA AND BASIN SETTING

2.1 DESCRIPTION OF THE PLAN AREA

2.1.1 General Description (Regional and Local Maps)

2.1.2 Jurisdictional Areas and Other Features

2.1.2.1 Regional Water Management Agencies

2.1.3 Existing Water Resources Monitoring and Management Programs

2.1.4 Land Use Elements

2.1.5 Well Permitting Policies and Procedures

2.1.5.1 Policies and Procedures Prior to GSA Formation

2.1.5.2 Current Policies and Procedures

2.2 BASIN SETTING

2.2.1 Hydrogeologic Conceptual Model

2.2.2 Current and Historical Groundwater Conditions and Hydrology

2.2.3 Water Budget

2.2.3.1 Prior Studies

2.2.3.2 Current and Projected Water Budget

2.2.4 Management Areas (If Applicable)

SECTION 3: PROJECTS AND MANAGERMENTS ACTIONS

3.1 EVALUATION OF POTENTIAL MANAGEMENT ACTIONS

3.1.1 Recycled Water

3.1.2 Imported Water

3.1.3 Brackish Water

3.1.4 Conservation

3.1.4.1 Industrial Conservation

3.1.4.2 Agricultural Conservation

3.1.4.3 Domestic Conservation

3.1.4.4 Navy Conservation

3.1.5 Pumping Restrictions/Allocations

3.1.5.1 Development of Scenarios

3.1.5.2 Selected Allocation/Scenario

3.2 MANAGEMENT ACTION PORTFOLIO

3.2.1 Development of Modeling Scenarios and Model Runs

3.2.2 Evaluation and Final Determination of Management Actions to Reach Sustainability

3.3 PROJECT #1

3.4 PROJECT #2

3.5 PROJECT #3

SECTION 4: SUSTAINABLE MANAGEMENT CRITERIA

4.1 SUSTAINABILITY GOAL

4.2 UNDESIRABLE RESULTS

4.2.1.1 General Description

4.2.1.2 Indian Wells Valley Undesirable Results

4.3 MINIMUM THRESHOLDS

4.4 MEASURABLE OBJECTIVES

4.4.1 Review of Options

4.4.2 Selected Objectives for Sustainability

4.4.3 Interim Milestones

4.5 MONITORING NETWORK

4.5.1 Description of Existing Monitoring Network

4.5.2 Monitoring Network Assessment Data Gap Evaluation

4.5.3 Proposed Monitoring Schedule

4.5.4 Monitoring Protocols

4.5.5 Representative Monitoring Sites

SECTION 5: PLAN IMPLEMENTATION

5.1 GSP IMPLEMENTATION COSTS

5.1.1.1 GSP Development Costs and Sources of Funding

5.1.1.2 GSP Project Implementation Costs and Sources of Funding

5.2 SCHEDULE FOR IMPLEMENTATION

5.3 ANNUAL REPORTING AND 5-YEAR SUMMARY

5.4 PERIODIC EVALUATIONS AND REPORTING TO DWR

SECTION 6: REFERENCES AND TECHNICAL STUDIES

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

Ridgecrest City Hall, 100 W. California Ave, Ridgecrest, CA 93555

TECHNICAL ADVISORY COMMITTEE REPORT

Thursday, August 16th, 2018, Time 10:00 AM.

- Item 1. Call to Order.
 - Present: Adam Bingham (Chairman), Stephan Bork, Don Decker, Wade Major, Scott O'Neil, Tim Parker, Don Quist, Eddy Teasdale, Earl Wilson.
 - Absent: Michelle Anderson, Michael Powell
- Item 2. Public Comments.
 - A request for status update on KCWA water level progress.
 - An RCD memo regarding air quality and erosion was provided.
- WRM/Johnson requested Item 6a. be moved up, Chair agreed. Therefore....
- Item 6a. WRM/TAC Procedures
 - WRM presented the current understanding of TAC procedures regarding voting, parking, reproduction cost reimbursement, and minutes. A long discussion followed, resulting in
 - 1) voting is OK as needed, but documentation of consensus (or lack thereof) is important, and interactions encouraged at the GA meeting.
 - 2) parking is still an issue and may not be resolved by moving to the County building,
 - 3) the GA has not authorized TAC reproduction cost reimbursement—however TAC will provide WRM with a list of documents for TAC member reproduction,
 - 4) TAC meetings are recorded as posted. TAC summary comments and consensus is the new TAC Report process/format and is acceptable. In addition, Mr Decker indicated from 5/31 meeting three items unanimously voted on—have not been addressed, and about 1/3 of his reports to the WRM have not been reported. WRM committed to address comments and individual written letters. Important items will go into the summary report.
- Item 3a. GSP Draft Outline
 - WRM briefly reviewed format and content and requested TAC input. Some input provided, including the potential role of Brackish Water. Plan is for TAC comment in 7 days (August 9th) and the GSP 1st Draft Outline will be released and revisited at September TAC meeting.
- Item 3b. Alternative/Imported Water
 - WRM/Jeff presented power point on alternative Imported Water with focus on AVEC treated water supply and LADWP banking or water exchange. Conceptual-level costs provided. Some TAC comments and prior IWVWD GM reported on their prior work and its availability. WRM will follow up with Mr. Zdeba. A suggestion to consider local solar power exchange for water supply was made.
- Item 3c. Recycled Water
 - WRM reported comments from TAC on draft Tech Memo are due on August 10th, earlier if possible. Final draft Tech Memo will be released and posted. WRM reported on comments from Navy—no facilities in draft planning should be located on the Base. WRM acknowledged aquifer depth connection, comments on non-native chub habitat and possible 50-yr payback instead of 30-yr on potential projects and reduced AF.

IWVGA TAC COMMITTEE
Meeting Report - August 16, 2018

- Item 3d. Ad Hoc Assignments
 - The TAC discussed potential Ad Hoc assignments such as sustainability and GDE, and will submit suggestions to the WRM. TAC discussed TSS projects, potential Model Runs, and Brackish water.
- Item 4. Future Agenda Items.
 - TAC reviewed and added Review Schedule for GSP Sections Distribution, DMS and GSP outline.
- Item 5. Future TAC Dates.
 - Confirmed including modeling calibration Ad Hoc.
- Item 6 WRM & TAC Announcements and Commetns
 - 6B - General. WRM reported Attorney Markman is scheduled to make a presentation on “water allocation processes” at the September PAC meeting. WRM is coordinating with Markman and plans to present. Attendance was encouraged.
 - WRM reviewed the TSS Grant status. The General Application has been submitted—stopping the clock. WRM will be working with the TAC and others on identification of actual projects to submit to DWR on TSS.
- Item 7. Adjourn. Adjourned at 3:30pm.



Eastern Kern County Resource Conservation District

300 S. Richmond Road, Ridgecrest, CA 93555

760.384.5477

FAX 760.384.5499

ekcrd@iwvisp.com

August 1, 2018

Indian Wells Valley Groundwater Authority

Board of Directors, Staff Members, Technical Advisory Committee and Policy Advisory Committee Members

500 W. Ridgecrest Blvd.

Ridgecrest, CA 93555

Dear IWVGA Board Members, Staff, TAC Members and PAC Members,

Eastern Kern County Resource Conservation District (EKCRCD) is a conservation district serving Eastern Kern County, and landowners within Indian Wells Valley (IWV) groundwater basin 6-54. The District has been addressing conservation and natural resource issues since 1953. We offer the following comments regarding air quality issues, fugitive dust, and soil erosion by wind. We believe that these resource issues should be addressed in the Groundwater Sustainability Plan (GSP) being developed for the IWV groundwater basin. If orchards, alfalfa fields, or other crops are fallowed or trees or plants are removed, there will be dust issues. There will be unanticipated consequences and effects on clean breathable air that will impact residents in the valley. Fugitive dust issues and blowing sand may also affect the mission of the Naval Air Warfare Center/Weapons Division at China Lake. The GSP air quality elements and the plan for land use should conform to East Kern Air Pollution Control District (EKAPCD) rules and regulations regarding mitigation for farm land.

EKCRCD is aware of this type of resource issue. We have worked with the Natural Resources Conservation Service (NRCS) and the East Kern Air Pollution Control District (EKAPCD) to address fugitive dust issues and blowing sand in the Fremont Valley, in the southern portion of our District boundaries. The blowing sand also represents a health issue in regard to Valley Fever.

There should be a plan in place with best management practices set forth to prevent soil erosion and address soil stabilization before the farms cut back on production or, in the worst case, go out of business. There should be a long-term plan to address fallowing, buy out, restoration, or reclamation. Impacts are preventable if addressed early in the process. The issue is in the timing for addressing the potential impacts. The plan must look at the big picture and present steps to prevent the erosion problems. We cannot allow this valley to get to the status of the Cantil/Rancho Seco area along Neuralia Road after farming operations ceased in the Fremont Valley. We need to have foresight in the planning process. Reclamation or mitigation should be at the front of the issues with cooperation for establishing cover crops as part of the reclamation planning early in the planning process. The revegetation/restoration of the Neal Ranch property along north Brown Road, which used native plants, provides an excellent example of what can be done to restore fallowed farm land. The sooner the restoration or soil stabilization can occur after farming has been reduced, or ceases altogether, the better.

EKCRCD believes that the air quality, health, and soil erosion issues, along with potential prevention and mitigation, should be addressed in the GSP under **Section 2.1.4 Land Use Elements in Section 2.1 Description of the Plan Area (as referenced in the IWV Groundwater Basin Preliminary Draft GSP Outline dated July 26, 2018)**. Other sections of the plan outline which could pertain to these issues include: **Section 3.1.4.2 Agricultural Conservation** under **Section 3.1 Evaluation of Potential**

Management Actions, or Section 3.2.2 Evaluation and Final Determination of Management Actions to Reach Sustainability.

EKCRCD believes that the IWVGA has a responsibility to address these resource issues in the planning process. Please give serious consideration to these issues in the development of the GSP for the IWV groundwater basin. Thank you for your consideration of these important matters.

Sincerely,

A handwritten signature in cursive script that reads "Donna Thomas".

Donna Thomas, Vice- President
Eastern Kern County Resource Conservation District

Cc: IWVGA Board of Directors, Peggy Breeden, Mick Gleason, Peter Brown, Matt Kingsley, Bob Page and

IWVGA Associate Members Brian Longbottom and Ryan Klausch

Kathleen Krause, Clerk of the Board, Kern County Board of Supervisors

Lorelei Oviatt, AICP Director, Kern County Planning and Natural Resources

Glenn Stephens, Administrator for the East Kern Air Pollution Control District

Adam Bingham, Chair of IWVGA Technical Advisory Committee, and Committee Members

Steve Godard, Vice-Chair of IWVGA Policy Advisory Committee, and Committee Members

Steve Johnson, Water Resources Manager, IWVGA

Ron Strand, General Manager, IWVGA

Attorneys: Keith Lemieux, Phill Hall, Jim Worth

PAC Report for IWVGA Board of Directors Meeting – August 16, 2018

The following actions and discussions took place at the August 2, 2018 PAC meeting.

Agenda item #1 – Roll call established that a quorum of 9 voting PAC members were present.

Agenda item #2 – Approval of July 12, 2018 minutes with corrections. The minutes of May 31, 2018 and July 12, 2018 will be redistributed to PAC committee members after which both sets of minutes will be sent to Lauren Duffy to be re-posted as corrected on the iwvga.org website. The Chair reported on two e-mail messages of personal communication to the committee members and the public in attendance.

- 1) A letter of Resignation from the PAC Committee from Carol Wilson, PAC representative for Business Interests, Ridgecrest Area Association of Realtors. (Present a copy of the letter to Chair of IWVGA for action by the Board).
- 2) A response from Lorelei Oviatt to questions based on the July 12, 2018 PAC discussion regarding “full” well registration. See attached.

Agenda #3 – Public comments are recorded in the minutes of the meeting.

Agenda item #4 – Discussion regarding recommendations from PAC members regarding Ad Hoc committee report on POAM Input for PAC Action. See attached report from Nick Panzer, West Katzenstein and David Janiec with additional information from Nick Panzer reviewing Sustainable Management Criteria from the Code of Regulations. Ultimately, by committee member vote of 7 to 2, the Ad Hoc report was approved for recommendation to the IWVGA Board with one change in Item 1a from “Prioritize groundwater uses” to “Identify groundwater uses.”

Agenda item #5 – Ad Hoc committee report on Options for additional GSA Funding Sources/Grants. See attached reports from Steve Godard, Renee Westa-Lusk, and Donna Thomas. The Ad Hoc committee presentations of information were unanimously approved by PAC voting members 9 to 0 for recommendation to the IWVGA Board.

- 1) Steve Godard, assisted by David Janiec, reported on the funding for Water Security at NAWA China Lake in the 2019 National Defense Authorization Act (See attached)
- 2) Renee Westa-lusk reported on US Bureau of Reclamation (BOR) Smart Water proposals, EPA Wifia funding and low interest loans, and Proposition 3 to be voted upon on the November 2018 ballot. Proposition 3 authorizes bonds to fund projects for Water Supply and Quality, Watershed, Fish, wildlife, Water Conveyance, and Groundwater Sustainability and Storage. (See attached).
- 3) Donna Thomas prepared handouts for the Small Ag and Large AG PAC representatives regarding funding from SB 5 for farmers and ranchers through programs from the California Department of Food and Agriculture (CDFA) for the State Water Efficiency and Enhancement Program (SWEEP) and Healthy Soils Program (HSP). (See attached handouts). She also prepared a listing of funding opportunities from California Rural Association (CRWA), Southern California Edison (SCE) Foundation, and the Inyo-Mono Integrated Regional Water Management (I-M IRWM) Group. The potential project recommended for funding

through CRWA and the SCE Foundation was the purchase of water meters and coverage of installation costs for the meters to serve as incentives for de minimis users (subject to approval and application by the IWVGA Board and staff of course). At the bottom of the page are potential funding sources from the California Financing Coordinating Committee (CFCC) with page numbers and contact names for potential projects. (See attached).

Agenda item #6 WRM Participation in PAC Meetings. E-mail response from Steve Johnson stating: 1) He will not be present at the August PAC meeting. 2) He will attend the September PAC meeting at Attorney Markman's request. 3) Attending PAC meetings has cost implications – overnight costs. 4) Participating by phone/skype is possible but he is usually traveling after the TAC meeting. He is very concerned about GA costs and minimizing Stetson's costs. (See attached)

Agenda item #7 Outreach Strategy for DAC Involvement. There was minimal discussion regarding how to inform the DACs about the current DAC Involvement grant for the Lahontan Funding Area and the 2 DAC proposals for the Proposition 1 IWVGA application. Discussion tabled until the Proposition 1 DAC proposals are ready to release to the public. Also a suggestion that the IWVGA Board approve an invitation to a PAC meeting for Holly Alpert who could present information on DAC involvement and the upcoming Inyo-Mono IRWM funding cycle.

Agenda item #8 TAC Recycled Water Tech Memo Review by PAC for any Policy Issues. The committee members did discuss the Tech Memo, but did not make any policy recommendations regarding the Memo. By consensus the PAC members agreed that each member would send individual comments on the Tech Memo to Steve Johnson before August 10, 2018 and that the Chair would forward any comments she receives to Steve Johnson.

Agenda item #9 Future Agenda Items. Discussion of e-mail sent to PAC chair from Steve Johnson with list of suggested items for August 2, 2018, September 6, 2018, and October 4, 2018 PAC agenda. There is only one item scheduled for the September 6, 2018 PAC agenda and that is a presentation by Mr. Markman, Special Counsel for the IWVGA, regarding Water Allocations.

Agenda item #10 Committee Member Announcements or Comments. David Janiec announced that there will be newspaper articles tomorrow (August 3, 2018) as a result of a Press Conference this morning releasing information about the NDAA passage by both the House and the Senate now awaiting the signature by the President. Donna Thomas presented a letter from East Kern County RCD requesting that the IWVGA address air quality, fugitive dust, blowing sand, soil erosion (prevention as well as restoration /reclamation) issues in the IWV GSP. See attached letter.

Agenda item #10- Adjournment. The PAC meeting was adjourned at 8:30 P.M. to the September 6, 2018 PAC meeting at 6 PM with location to be determined. Chair Breeden is investigating whether the meeting can be held at the City Council Chambers.

Submitted by Donna Thomas, IWVGA PAC Chair

August 6, 2018

Personal Communication
Read to PAC members at
8.02.18 PAC meeting

1030 N. Heritage Dr.
Ridgecrest, Ca. 93555

August 1, 2018

Donna Thomas
Chairperson
Policy Advisory Committee
Groundwater Authority

Mrs. Thomas:

I can no longer participate in the PAC meetings due to major conflicts of interest resulting from the actions of the GA and my pledge to support private property rights as evidenced in the Code of Ethics of the National Association of Realtors.

Please accept my resignation effective immediately.

Thank you.


Carol Wilson

Personal Communication
Read to PAC members at 8.02.18 PAC meeting

Donna Thomas

From: Lorelei Oviatt <Lorelei@kerncounty.com>
Sent: Wednesday, August 01, 2018 2:37 PM
To: Donna Thomas
Subject: Re: Fact sheet for obtaining well data

Follow up to "full" well registration discussion at July 12, 2018 PAC mtg.

Hi Donna,,

The agency in charge of well permitting is Kern County Public Health Environmental Health Division. Amy Rutledge. Go to the website for the link to water we'll permitting for contact address.

The County and State has provided all the information we have. Many wells go back well before electronic systems and the paper files are incomplete. I am unaware of any more information we can provide. It is the job of the GSA water manager to comply the information and do research not the County (or PAC). They certainly could come down to the Building Department and look at every house permit that is not in the District but it would be a long labor intensive job.

Preparing a one time letter to all APNs would cost from \$8000- \$12,000.

I think we should go back to the public outreach document and consider using billboards, newspaper ads and speaking engagements on an educational message.

Mail is expansive and not usually effective.

I am sorry to miss but I will be at my daughter' wedding in New Orleans. I will be at the September meeting.

I concur too early and too vague on water allocation priorities but if tasked with it we will do our best.

Thanks for all you do.

Best

Lorelei Oviatt, AICP Director

Kern County Planning and Natural Resources Sent from my iPhone

On Jul 31, 2018, at 6:12 PM, Donna Thomas <dcthomas@wildblue.net> wrote:

Dear Lorelei,

I said in the minutes of the July 12, 2018 minutes for PAC that I would contact you and followup regarding how a well owner can obtain a copy of their well permit or driller's log from Kern County. What Department should they contact – can you give an address? Is there data in the property records of Kern County showing well information? PAC was asked how we could assist with "full" well registration for de minimis and non-deminimus well owners. Can you provide any assistance with the well registration process for the IWVGA?

Apparently the Water Resources Manager does not have a complete list (only about 400 or so listed and only 400 or so contacted) for the informational meeting regarding the groundwater extraction fees.

Would a notice to all APN numbers assist with doing outreach to all property owners and well owners in the IWV Basin? How much would that cost?

I believe that the IWVGA is depending upon all well owners to self register. I don't know if that is going to work.

I would appreciate any information you could provide for the PAC members. We have been missing you at our meetings. I hope you can attend the September 6, 2018 PAC meeting. Mr. Markman will attend to facilitate a discussion of water allocations or pumping allocations. I think it is too early in the process, but apparently Keith Lemieux, Mick Gleason and Peggy Breeden are anxious to get underway with this discussion – we don't even have a water balance or data on recharge or a figure for sustainable yield for the basin.

Hope you are doing well. I know you are busy. Hope to hear from you. Thanks.

Donna Thomas, IWVGA PAC Chair

Item # 4

8.02.18 PAC meeting

To: PAC

From: PAC Ad Hoc Committee on PAC POAM Responsibilities (Janiec, Katzenstein, Panzer)

Subject: Assign PAC POAM Responsibilities

Date: July 26, 2018

Expand POAM to include the following new line items *specific* to PAC:

1. Expand line 45 of the July 13, 2018 POAM (Discussion of Initial Sustainable Management Criteria) to include the following new subcategories:

Identify
a. ~~Prioritize~~ groundwater uses. Note: This has already been tasked to the PAC as "Pumping Allocation," but does not yet appear in the POAM.

b. Develop and answer key policy questions concerning Sustainable Management Criteria. Note: "Sustainable Management Criteria" are defined in SUBARTICLE 3 of ARTICLE 5 of the California Code of Regulations.

2. Add subcategories to the following line items in the POAM making PAC responsible to timely develop and answer related policy questions. This will usually involve a PAC start date that front-runs the work itself.

- a. #84 Imported Water Study.
- b. #89 Recycled Water Study.
- c. #96-100 Prepare Draft GSP Chapters
- d. #101-105 Plan Implementation
- e. #106-109 Develop Draft and Final GSP

As addressing these questions will likely involve iterative/interactive processes, expect additions to the POAM as new policy issues or new facts arise.

Item # 4

From Nick Panzer to PAC

Subject: PAC 8/2/2018 Meeting, Agenda Item 4, Ad Hoc Committee Report on PAC POAM Responsibilities

Nick Panzer
8/2/18

I believe that if POAM line 45 (Sustainable Management Criteria) expands as recommended at item 1.b. of the Ad Hoc Committee Report, then PAC effectively would be tasked to develop and answer the most challenging policy questions facing the GA.

Anticipating that PAC may be so tasked at some point, I offer below my opinion about the two most important policy questions that PAC should address under Sustainable Management Criteria, and the SGMA code and regulations upon which I base my opinion. More importantly, I look forward to the day that PAC is tasked to develop and answer key policy questions in light of all opinions, PAC member and public alike.

BACKGROUND

California designates IWW in critical overdraft. Accordingly, SGMA requires our local Groundwater Authority (GA) to document that specific groundwater elevation below which "undesirable results" (defined below) have occurred or will occur if overdraft continues. Once the GA documents that elevation, it must adopt a Plan by 2020 to get and keep the water table safely above that elevation by 2040.

UNDESIRABLE RESULTS

SGMA defines undesirable results as one or more of six specific groundwater conditions. For our purposes, the first of these six conditions may serve as a reasonable proxy for the other five. The first condition is this: Chronic lowering of groundwater has led to or would lead to a significant and unreasonable decline in supply if continued. [Code 10721 (x)(1) and Reg. 354.26 (b)(1)].

FIRST KEY POLICY QUESTION

Given the above, the first key policy question is this: ***In general terms, what conditions indicate that chronic lowering of groundwater has led to or would lead to a significant and unreasonable decline in groundwater supply if continued?*** Stakeholders must answer this question in a general terms before the GA can translate that answer into an objectively measurable minimum groundwater elevation (Minimum Threshold) as explained above. [Reg. 354.28]

SECOND KEY POLICY QUESTION

Regulation 354.28 provides in pertinent part that, "The description of minimum thresholds shall include the following:How minimum thresholds may affect the interests of beneficial uses and users of groundwater or land uses and property interests..." This effectively requires a

numerical accounting for current actual uses by users and a comparative numerical accounting for projected uses by users throughout Plan implementation. The second key policy question then is this: ***In general terms, how should the Plan prioritize water uses within the basin?*** Stakeholders must prioritize basin-wide uses in general terms before the GA can allocate sustainable yield among and within “water use sectors.”

California Water Code and Regulations
As Abstracted and Underscored by Nick Panzer Pertinent to Key GSP Policy Questions
July 26, 2018

Code

106 General State Policy. It is hereby declared to be the established policy of this State that the use of water for domestic purposes is the highest use of water and that the next highest use is for irrigation.

106.3.(a) General State Policy. It is hereby declared to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.

113 General State Policy. It is the policy of the state that groundwater resources be managed sustainably for long-term reliability and multiple economic, social, and environmental benefits for current and future beneficial uses.....

10720.1.(b) General Provisions. In enacting [SGMA], it is the intent of the Legislature to do all of the following:To enhance local management of groundwater consistent with rights to use or store groundwater.....It is the intent of the Legislature to preserve the security of water rights in the state to the greatest extent possible consistent with the sustainable management of groundwater.

10721.(x)(1) Definitions.....”Undesirable result” means one or more of the following effects caused by groundwater conditions occurring throughout the basin: Chronic lowering of groundwater levels indicating significant and unreasonable depletion of supply if continued over the planning and implementation horizon.....

10727.2. Groundwater Sustainability Plans. A groundwater sustainability plan shall include all of the following:

10727.2 (d) Components relating to the following, as applicable to the basin:

10727.2 (d)(3) Mitigation of overdraft.

Regulations

350.4(g) General Principles. The department shall consider the state policy regarding the human right to water when implementing these regulations.

351.(ah) Definitions. "Sustainability indicator" refers to any of the effects caused by groundwater conditions occurring throughout the basin that, when significant and unreasonable, cause undesirable results as described in Water Code Section 10721.(x)

351.(al) Definitions....."Water use sector" refers to categories of water demand based on the general land uses to which the water is applied, including urban, industrial, agricultural, managed wetlands, managed recharge, and native vegetation.....

354.10.(a) Introduction to Plan Contents... Each Plan shall include a summary of information relating to notification and communication by the Agency withInterested parties including the following: A description of the beneficial uses and users of groundwater in the basin, including the land uses and property interests potentially affected by the use of groundwater in the basin, the types of parties representing those interests, and the nature of consultation with those parties.

354.18.(b)(3) Water Budget.The water budget shall quantify the following either through direct measurements or estimates based on data.....Outflows from the groundwater system by water use sector,

354.24 Sustainable Management Criteria. Sustainability Goal. Each Agency shall establish in its Plan a sustainability goal for the basin that culminates in the absence of undesirable results within 20 years of the applicable statutory deadline.....

354.26 (a)(b) Sustainable Management Criteria. Undesirable Results. Each Agency shall describe in its Plan the processes and criteria relied upon to define undesirable results applicable to the basin. Undesirable result occur when significant and unreasonable effects for any of the sustainability indicators are caused by groundwater conditions occurring throughout the basin. The description of undesirable results shall include the following: (1) The cause of groundwater conditions occurring throughout the basin that would lead to or has led to undesirable results based on information described in the basin setting, and other data or models as appropriate.....(3) Potential effects on the users of groundwater, on land uses and property interests, and other potential effects that may occur or are occurring from undesirable results.

354.28 (a)(b)(c) Minimum Thresholds. Each Agency...shall establish minimum thresholds that quantify groundwater conditions for each sustainability indicator....The numeric value used to define minimum thresholds shall represent a point in the basin that, if exceeded, may cause undesirable results.....The description of minimum thresholds shall include the following:.....How minimum thresholds may affect the interests of beneficial uses and users of groundwater or land uses and property interests.....Minimum thresholds for each

sustainability indicator shall be defined as follows:....The minimum threshold for chronic lowering of groundwater levels shall be the groundwater elevation indicating a depletion of groundwater supply at a given location that may lead to undesirable results.....

354.44.(b)(2) and (6) Projects and Management Actions. Each Plan shall include a description of the projects and management actions that include the following:If overdraft conditions are identified through the analysis required by Section 354.18, the Plan shall describe projects and management actions.....for the mitigation of overdraft..... If the projects or management actions rely on water from outside the jurisdiction of the Agency, an explanation of the source and reliability of that water shall be included.

355.4.(b)(4) and (6) Criteria for Plan Evaluation.....When evaluating whether a Plan is likely to achieve the sustainability goal for the basin, the Department shall consider the following:.....Whether the interests of the beneficial uses and users of groundwater in the basin, and the land uses and property interests potentially affected by the use of groundwater in the basin, have been considered.....Whether the Plan includes a reasonable assessment of overdraft conditions and includes reasonable means to mitigate overdraft, if present.

356.2.(b)(2) and (4) Annual Reports.The annual report shall include the following components for the preceding water year:Data shall be...presented in a table that summarizes groundwater extractions by water use sector..... Total water use shall be.....reported in a table that summarizes total water use by water use sector, water source type,

Item #5 for 8.02.18 PAC Agenda

To: PAC

From: PAC Ad Hoc Committee (Thomas, Westa-Lusk, and Godard) on Financial Options *STB*

Subject: Funding for Water Security at NAWS China Lake

Date: July 31, 2018

Pursuant to discussion amongst the Ad Hoc Cmte members, this news was announced over the weekend:

- The fiscal year 2019 National Defense Authorization Act passed by the US House of Representatives creates a funding stream for Naval Air Weapons Station China Lake to address water and energy infrastructure priorities—thanks for Congressmen Kevin McCarthy and Paul Cook.
- Section 313 of the Conference Report allows 50 percent of the funds generated from geothermal resources on a military base to remain at that base for infrastructure improvements rather than going to Washington for reallocation.
- NAWS China Lake will be able to retain 50 percent of the revenue from electricity sales at Coso Geothermal Facility...NAWS can use these funds for installation-related energy or water security initiatives.
- This provision opens up a new, reliable funding source for China Lake to help meet its water and energy needs...
- Kudos go to David Janiec of the China Lake Alliance and Scott O'Neil with the Indian Wells Valley Economic Development Corporation for their work in supporting the Congressmen. Passage of the provision "provides the means to conduct water projects that support the IWV water basin sustainability effort and help China Lake towards its goal of energy security...", said Mr. O'Neil.
- Question—when does ~~NDA~~ Bill go to vote?

✓ Senate voted - passed
on 1 August

ANALYSIS BY THE LEGISLATIVE ANALYST

Proposition 3

Authorizes Bonds to Fund Projects for Water Supply and Quality, Watershed, Fish, Wildlife, Water Conveyance, and Groundwater Sustainability and Storage. Initiative Statute.

BACKGROUND

Californians Get Water From Several Sources. Most of the water used for drinking and farming in California comes from rain and melted snow. Rain and snow flow into streams and rivers, many of which start in the mountains. The areas where these streams and rivers begin are referred to as "watersheds." California has built dams, reservoirs, and canals to store water and deliver it around the state. Water is also pumped from underground (referred to as "groundwater"), especially during dry years when not as much rain and snow falls. A small share of the state's water comes from other sources, such as cleaning and reusing the wastewater that households and businesses send into sewers (referred to as "water recycling").

Most Spending on Water Is by Local Governments. Local government agencies—usually water districts, cities, and counties—fund most of the projects that provide clean water for people to drink, supply water for farming, and protect communities from floods. These agencies spend about \$25 billion each year on these types of water-related activities. Residents pay for the majority of this spending when they pay their water and sewer bills.

State Also Spends Money on Water, as Well as Environmental Projects. The state gives grants and loans to local government agencies to help pay part of the costs of some of their water projects. The state also spends money on projects to improve the natural environment, including protecting habitats that are home to fish, birds, and other wildlife. In many cases, the state—rather than local governments—provides most of the funding for these environmental projects.

Figure 1

Uses of Proposition 3 Bond Funds
(In Millions)

Category	Primary Activities	Amount
Watershed lands	Protect, restore, and improve the health of watershed lands in specified areas of the state to increase the amount and quality of water.	\$2,495
Water supply	Improve and increase: drinking water and wastewater treatment, water recycling, collection and clean-up of rainwater, and water conservation.	2,130
Fish and wildlife habitat	Improve habitats for fish and wildlife, including by restoring streams and wetlands to more natural conditions.	1,440
Water facility upgrades	Make connections and repairs to existing dams, canals, and reservoirs.	1,227
Groundwater	Clean up, recharge, and manage groundwater.	1,085
Flood protection	Reduce flood risk, including by expanding floodplains and repairing reservoirs.	500
Total		\$8,877

Within these broad categories, the proposition includes around 100 subcategories for how certain amounts must be spent, including for particular regions of the state or on specific projects. The proposition's broad spending categories include the following:

- **Watershed Lands (\$2.5 Billion).** This category funds projects to improve the conditions of watershed lands, which include forests, meadows, wetlands, and areas near rivers. Funded projects must protect or improve the supply and quality of the water that comes from these lands. Many of these projects would also have environmental benefits, such as improving habitat for fish and wildlife or reducing the risk of forest fires. This funding category includes about 50 subcategories with special requirements, including that certain amounts be spent in specific areas of the state. For example, the proposition provides \$250 million for the forests in the Sierra Nevada Mountains and \$200 million for the Salton Sea in Southern California.

- **Groundwater (\$1.1 Billion).** This category funds projects related to groundwater storage to make sure groundwater will be available in future years. This includes activities to clean up groundwater by removing salts to make it more usable (\$400 million). Funding will also be used for projects that help water to soak back into the ground so that it can be used in the future (known as "groundwater recharge").
- **Flood Protection (\$500 Million).** This funding is for projects that reduce the risk from floods. These projects could include expanding floodplains (which provide areas where floodwaters can spread without causing much harm) and repairing reservoirs. Some of these projects would provide other benefits, such as improving fish and wildlife habitat, increasing water supplies, and improving recreation opportunities. Some of this funding is for projects in specific areas of the state, including the Central Valley (\$200 million) and the San Francisco Bay Area (\$200 million).

Distributes Most Funding Through Grants. The proposition provides funding to more than a dozen different state departments. The proposition continuously appropriates the bond funds to these departments, which is different from most water and environmental bonds. This means that the Legislature would not spend the funds in the annual state budget. Instead, departments would automatically receive funding when they are ready to spend it. Departments would spend some of the funds to carry out projects themselves. However, almost all of the funds would be given as grants to local government agencies, Indian tribes, nonprofit organizations, and private water companies for specific projects. For some funding subcategories—particularly those related to increasing or protecting water supply—grant recipients would have to provide at least \$1 in local funds for each \$1 of grant funding they receive.

FISCAL EFFECTS

State Bond Costs. This proposition would allow the state to borrow \$8.9 billion by selling additional GO bonds to investors. These investors would be repaid with interest using the state's General Fund tax revenues. The cost of these bonds would depend on various factors—such as the interest rates in effect at the time they are sold, the timing of bond sales, and the time period over which they are repaid. We estimate that the cost to state taxpayers to repay this bond would total \$17.3 billion to pay off both principal (\$8.9 billion) and interest (\$8.4 billion). This would result in average costs of **about \$430 million annually over the next 40 years**. This amount is about one-third of 1 percent of the state's current General Fund budget.

Local Costs and Savings to Complete Projects. Much of the bond funding would be used for local government projects. Providing state funds for local projects would affect how much of their own funds these local governments spend on these projects. In many cases, state bonds would reduce local spending. For example, this would occur in cases where the state bond funds replaced monies that local governments would have spent on projects anyway.

In some cases, however, state funds could increase total spending on projects by local governments. For example, some local governments might choose to build additional or substantially larger projects than they would if state funds were not available. For some of these projects—such as when the bond requires a local cost share—local governments would bear some of the additional costs.

On balance, we estimate that this proposition would result in savings to local governments to complete the projects funded by this bond. These savings could average a couple hundred million dollars annually over the next few decades. The exact amount would depend on which specific projects local governments choose and their share of the total project costs.

Donna Thomas

From: CDFA OEFI <cdfa.oefi@cdfa.ca.gov>
Sent: Thursday, July 26, 2018 11:21 AM
To: Nancy Gooch
Subject: CDFA Seeks Public Comment of SB-5 Funded SWEEP and Healthy Soils Programs

**CDFA SEEKS PUBLIC COMMENT ON SB-5 FUNDED STATE WATER EFFICIENCY AND
ENHANCEMENT PROGRAM AND HEALTHY SOILS PROGRAM**

CDFA

Release #18-044

Print This Release

SACRAMENTO, July 25, 2018 - The California Department of Food and Agriculture (CDFA) is now accepting public comments on draft Requests for Grant Applications (RGA) for the State Water Efficiency and Enhancement Program (SWEEP) and Healthy Soils Program (HSP), utilizing \$30 million authorized by the Budget Act of 2018, and funded through the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (SB 5).

The State Water Efficiency and Enhancement Program provides farmers and ranchers with grants to implement irrigation systems that save water and reduce greenhouse gas emissions. Projects funded through SWEEP commonly include elements such as soil, plant or weather sensors, micro-irrigation systems, pump retrofits or replacements, renewable energy, and variable frequency drives (among others). The draft RGA for the SWEEP program is posted at <https://www.cdfa.ca.gov/oefi/sweep>.

The Healthy Soils Program offers grants to farmers who take action to capture greenhouse gas emissions--such as carbon dioxide--in the soil to help combat climate change. The Healthy Soils Program will be implemented under two separate sections: an Incentives Program and Demonstration Projects. The Incentives Program will award grants to provide financial assistance to farmers and ranchers for implementation of agricultural management practices that sequester soil carbon and reduce greenhouse gas emissions. The Demonstration Projects will award projects that monitor and demonstrate to farmers and ranchers in California, specific management practices in agriculture that sequester carbon, improve soil health, and reduce atmospheric GHGs.

The RGAs for both the HSP Incentives Program and Demonstration Projects can be found on the CDFA Office of Environmental Farming and Innovation (OEFI) webpages:

<https://www.cdfa.ca.gov/oefi/healthysouls/IncentivesProgram.html> and
<https://www.cdfa.ca.gov/oefi/healthysouls/DemonstrationProjects.html>

CDFA will hold three listening sessions at the end of August to provide information on how to comment on the draft RGAs and answer questions related to the programs. Listening sessions are scheduled for:

Northern California – August 30, 2018, 9:00 am to noon
Butte County Farm Bureau
2580 Feather River Blvd.
Oroville, CA 95965

Southern California – August 31, 2018, 9:00 am to noon
Imperial County Farm Bureau
1000 Broadway
El Centro, CA 92243

Central California – September 4, 2018, 1:00 pm to 4:00 pm
Fresno County Farm Bureau
1274 W. Hedges Ave.
Fresno, CA 93728

Webinar participation will also be available on September 4 for those unable to travel to any of the listening sessions in person. To register for the September 4 webinar:

<https://attendee.gotowebinar.com/register/519454765226725891>

Comments regarding the draft RGAs can be submitted to cdfa.oefi@cdfa.ca.gov no later than 5:00 p.m. PST on Wednesday, September 12, 2018.

Follow CDFA News on Twitter and Facebook
California Department of Food and Agriculture Office of Public Affairs
1220 N St., Ste. 214, Sacramento, CA 95814
916-654-0462, www.cdfa.ca.gov

Donna Thomas

From: Renata Brillinger <renata@calclimateag.org>
Sent: Thursday, July 26, 2018 2:50 PM
To: Renata Brillinger
Subject: Reminder: CalCAN partner briefing

CalCAN partners,

This is a reminder that you are invited to join a briefing session on the latest developments on climate and agriculture policy. This webinar is offered to CalCAN allies and partners by invitation, to provide you with updates and forecasts for the coming months, and to urge your continued involvement with our policy initiatives. We will send out a recording if you can't make it to the live webinar.

Date: July 30th
Time: 10:00 - 11:00am
To join the webinar: <https://zoom.us/j/199764761>
Or call: 646-558-8656 Meeting ID: 199 764 761

We will cover the following topics:

- Cap-and-trade budget update/debrief (in case you missed the last call)
- Update on the Healthy Soils, SWEEP, AMMP and SALCP programs
- Preview of our recommendations to the next CA Governor
- Update on AB 2377, the CalCAN-sponsored bill to secure funding for technical assistance
- CalCAN Summit save-the-date and call for proposals

Thanks!

- The CalCAN Team (Renata, Jeanne, Amy, Brian and Lauren)

Renata Brillinger
California Climate & Agriculture Network (CalCAN)
(707) 329-6374 (w) or (707) 536-7619 (c)
www.calclimateag.org
@calclimateag.org

PAC Ad Hoc Committee (Godard, Westa-Lusk, Thomas)
Options for Additional GSA Funding Sources/Grants

California Dept. of Food and Agriculture (CDFA) Statewide Water Efficiency and Enhancement Program (SWEEP) - Ag users submit application. Guidelines are currently under review. As soon as RFP for application is released, EKCRCD will post the information on its website.

California Rural Water Association (CRWA) Will make contact and inquire if funding might be available for purchase and installation of water meters for domestic well owners in IWV.

Southern California Edison (SCE) Foundation funding Will check to see when the next funding cycle occurs and whether funding of water meters might be something that could be considered.

Inyo-Mono Integrated Regional Water Management (I-M IRWM) Check with Holly Alpert. Ideas for potential projects for next round of funding will soon be solicited. Projects typically funded are Water Reuse, Water Recycling, Water use efficiency, Water conservation, surface and underground water storage, storm water resource management, DAC community projects. IRWM is funded through Dept. of Water Resources. CFCC p. 52

Sources from California Financing Coordinating Committee Funding (CFCC)
State Water Resources Control Board (SWRCB) Storm Water Management Grant Program. Prop.1 Implementation Round 2 opens in 2018. Storm water capture and use. Damen Badyal (916) 319-9436 CFCC p. 59

SWRCB and USDA Household well repair, well rehabilitation and Replacement. Check to see if there will be another round of funding available in 2018 or 2019. CFCC p. 67

US Bureau of Reclamation (BOR) Water/Smart Water and Efficiency. Facilitate water markets. CFCC p. 71 and p. 73 Water/Smart water marketing grants. Dean Marrone (303) 445-3577.

US BOR Water/Smart cooperative Water Management Program. Grants for watershed groups and watershed projects. CFCC p. 74

US BOR and USDA Agricultural Water Use Efficiency grants. Enabling on-farm water conservation or water use efficiency. Anna Sutton (916) 978-5214. CFCC p. 77

SWRCB Water Recycling Funding Program.
Clean Water Revolving Fund Program – Wastewater Treatment Project. CFCC p. 82

The PAC Ad Hoc Committee will meet again to research Foundation and other private group funding.

Item #6 PAC Agenda
August 2, 2018

Donna Thomas

From: Steve Johnson <stevej@stetsonengineers.com>
Sent: Friday, July 27, 2018 9:32 AM
To: Donna Thomas
Cc: Jeff Helsley; Heather Steele; Steve Reich; Jean Moran
Subject: FW: Draft Agenda for PAC August 2, 2018
Attachments: DRAFT Recycled Water Study Technical Memorandum with Figures - 072018.pdf

Hi Donna—I think Heather sent you the draft Recycled Water Tech Memo---(attached)

For the Item on WRM attending/participating in PAC meetings, it was taken from your July PAC meeting Minutes and also because Peggy has suggested it for the GA Board meeting.

I do not have any attachments for this (potential) PAC Agenda Item---but I should provide this---

1. I/we are not currently planning to attend the August PAC meeting.
2. For the September PAC meeting, Attorney Markman is scheduled to talk with the PAC about "water allocations" and has suggested I be present. It is expected the Markman discussions will carry over to future PAC meetings too.
3. As you are aware, attending the PAC meetings has GA cost implications. If the PAC meeting is on the same day as TAC—there is no additional travel time. However, with evening PAC meetings—it brings in overnight costs too.
4. Participating by phone/skype is also possible---but I am usually traveling after the TAC meeting.

I/we are very concerned about GA costs—and minimizing Stetson's costs. At the same time, I/we have committed to the IWVGA as your WRM---essentially whatever that requires.

Steve

From: Heather Steele
Sent: Friday, July 27, 2018 9:09 AM
To: Steve Johnson <stevej@stetsonengineers.com>
Subject: RE: Draft Agenda for PAC August 2, 2018

Steve,

Attached is the draft recycled water study to send to Donna.

Heather

From: Steve Johnson
Sent: Friday, July 27, 2018 9:02 AM
To: Jeff Helsley <jeffh@stetsonengineers.com>; Heather Steele <heathers@stetsonengineers.com>
Subject: FW: Draft Agenda for PAC August 2, 2018

Heather—let's talk

From: Donna Thomas <dcthomas@wildblue.net>
Sent: Friday, July 27, 2018 7:44 AM
To: Steve Johnson <stevej@stetsonengineers.com>; rstrand@ridgecrest-ca.gov; Keith Lemieux <klemieux@omlaw.com>; Phillip W. Hall <phall@kerncounty.com>; James A. Worth <jim@mcmurtreyhartsock.com>;

Peggy Breeden <pbreeden@ridgecrest-ca.gov>

Cc: lduffy@iwvwd.com

Subject: Draft Agenda for PAC August 2, 2018

Dear All,

I will need to add attachments for item 2 (minutes of July 12, 2018), item 5 (ad hoc report for additional funding sources/grants).

Steve, can you provide any attachment materials for item 6 (WRM participation) and item 7 (TAC Recycled Water Tech Memo)

I will also scan and attach the 7/11/2018 handout prepared for the TAC on Sustainable Management Criteria for background information for PAC members.

Please respond to Lauren Duffy when the Draft agenda is approved and ready to be posted. Thank you.

Donna Thomas, IWVGA PAC Chair



Item # 10 PAC Agenda 8.02.18

Eastern Kern County Resource Conservation District

300 S. Richmond Road, Ridgecrest, CA 93555

760.384.5477

FAX 760.384.5499

ekcrd@iwvisp.com

August 1, 2018

Indian Wells Valley Groundwater Authority

Board of Directors, Staff Members, Technical Advisory Committee and Policy Advisory Committee Members

500 W. Ridgecrest Blvd.

Ridgecrest, CA 93555

Dear IWVGA Board Members, Staff, TAC Members and PAC Members,

Eastern Kern County Resource Conservation District (EKCRCD) is a conservation district serving Eastern Kern County, and landowners within Indian Wells Valley (IWV) groundwater basin 6-54. The District has been addressing conservation and natural resource issues since 1953. We offer the following comments regarding air quality issues, fugitive dust, and soil erosion by wind. We believe that these resource issues should be addressed in the Groundwater Sustainability Plan (GSP) being developed for the IWV groundwater basin. If orchards, alfalfa fields, or other crops are fallowed or trees or plants are removed, there will be dust issues. There will be unanticipated consequences and effects on clean breathable air that will impact residents in the valley. Fugitive dust issues and blowing sand may also affect the mission of the Naval Air Warfare Center/Weapons Division at China Lake. The GSP air quality elements and the plan for land use should conform to East Kern Air Pollution Control District (EKAPCD) rules and regulations regarding mitigation for farm land.

EKCRCD is aware of this type of resource issue. We have worked with the Natural Resources Conservation Service (NRCS) and the East Kern Air Pollution Control District (EKAPCD) to address fugitive dust issues and blowing sand in the Fremont Valley, in the southern portion of our District boundaries. The blowing sand also represents a health issue in regard to Valley Fever.

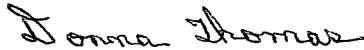
There should be a plan in place with best management practices set forth to prevent soil erosion and address soil stabilization before the farms cut back on production or, in the worst case, go out of business. There should be a long-term plan to address fallowing, buy out, restoration, or reclamation. Impacts are preventable if addressed early in the process. The issue is in the timing for addressing the potential impacts. The plan must look at the big picture and present steps to prevent the erosion problems. We cannot allow this valley to get to the status of the Cantil/Rancho Seco area along Neuralia Road after farming operations ceased in the Fremont Valley. We need to have foresight in the planning process. Reclamation or mitigation should be at the front of the issues with cooperation for establishing cover crops as part of the reclamation planning early in the planning process. The revegetation/restoration of the Neal Ranch property along north Brown Road, which used native plants, provides an excellent example of what can be done to restore fallowed farm land. The sooner the restoration or soil stabilization can occur after farming has been reduced, or ceases altogether, the better.

EKCRCD believes that the air quality, health, and soil erosion issues, along with potential prevention and mitigation, should be addressed in the GSP under **Section 2.1.4 Land Use Elements in Section 2.1 Description of the Plan Area (as referenced in the IWV Groundwater Basin Preliminary Draft GSP Outline dated July 26, 2018)**. Other sections of the plan outline which could pertain to these issues include: **Section 3.1.4.2 Agricultural Conservation** under **Section 3.1 Evaluation of Potential**

Management Actions, or Section 3.2.2 Evaluation and Final Determination of Management Actions to Reach Sustainability.

EKCRCD believes that the IWVGA has a responsibility to address these resource issues in the planning process. Please give serious consideration to these issues in the development of the GSP for the IWV groundwater basin. Thank you for your consideration of these important matters.

Sincerely,



Donna Thomas, Vice- President
Eastern Kern County Resource Conservation District

Cc: IWVGA Board of Directors, Peggy Breeden, Mick Gleason, Peter Brown, Matt Kingsley, Bob Page and
IWVGA Associate Members Brian Longbottom and Ryan Klausch

Kathleen Krause, Clerk of the Board, Kern County Board of Supervisors

Lorelei Oviatt, AICP Director, Kern County Planning and Natural Resources

Glenn Stephens, Administrator for the East Kern Air Pollution Control District

Adam Bingham, Chair of IWVGA Technical Advisory Committee, and Committee Members

Steve Godard, Vice-Chair of IWVGA Policy Advisory Committee, and Committee Members

Steve Johnson, Water Resources Manager, IWVGA

Ron Strand, General Manager, IWVGA

Attorneys: Keith Lemieux, Phill Hall, Jim Worth