Ridgecrest City Hall

Kern County

100 W California Ave., Ridgecrest, CA 93555 760-499-5000

BOARD OF DIRECTORS A G E N D A

Thursday, January 18, 2018 Closed Session 10:00 a.m. Open Session 11:00 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 Ron Strand at (760) 499-5001. 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 www.kerncounty.com/WaterResources.aspx

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. CLOSED SESSION – 10:00 a.m.

- a. CONFERENCE WITH LEGAL COUNSEL ANTICIPATED LITIGATION (Government Code Section 54956.9(d)(2)(e)(1)) Number of cases: One (1) Significant exposure to litigation in the opinion of the Board of Directors on the advice of legal counsel, based on: Facts and circumstances that might result in litigation against the IWVGA but which are not yet known to a potential plaintiff or plaintiffs, which facts and circumstances need not be disclosed.
- 3. OPEN SESSION 11:00 a.m.
- 4. PLEDGE OF ALLEGIANCE

5. 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.

IWVGA Board of Directors Meeting of January 18, 2018

- 6. SPECIAL PRESENTATIONS
 - a. USGS Recharge Study
- 7. CONSENT AGENDA (Items may be removed from the Consent Agenda for discussion by the Board)
 - a. Approve Minutes of Board Meeting December 13, 2017
 - b. Approve Expenditures in the amount of \$73,742.40
- 8. REPORT FROM TECHNICAL ADVISORY COMMITTEE (TAC)
- 9. ACTION ITEMS FROM TAC MEETING OF JANUARY 4, 2018 None
- 10. REPORT FROM POLICY ADVISORY COMMITTEE (PAC)
- 11. ACTION ITEMS FROM PAC MEETING OF JANUARY 4, 2018 None
- 12. BOARD DISCUSSION FOR DIRECTION OF ACTION ITEMS TO TAC & PAC COMMITTEES (IF BOARD HAS ANY)
- 13. CONSIDERATION OF REVENUE MEASURES TO FUND PRODUCTION OF GROUNDWATER SUSTAINABILITY PLAN
- 14. WATER RESOURCES MANAGER REPORT
 - a. Report on Submittal of Proposition 1 Grant Application Status
 - b. Groundwater Modeling
 - c. Data Management System
 - d. Plan of Action and Milestones (POAM)
- 15. BUDGET REVIEW ALAN CHRISTENSEN
- 16. GENERAL MANAGER'S REPORT
- 17. CLOSING COMMENTS

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

- 18. DATE AND TIME OF NEXT MEETING February 15, 2018; 10:00 am
- 19. 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

Wednesday, December 13, 2017, 10:00 a.m.

IWVGA Members in attendance:

Commander Brian Longbottom, Department of the Navy	Bob Page, San Bernardino County
Peter Brown, Indian Wells Valley Water District	Chairperson Mick Gleason, Kern County
Mayor Peggy Breeden, City of Ridgecrest	Ron Strand, IWVGA General Manager
Stephen Johnson, IWVGA Water Resources Manager	Lauren Duffy, IWVGA Board Clerk
Phill Hall, IWVGA Legal Counsel	

1. CALL TO ORDER:

The meeting is called to order by Chairperson Gleason at 10:00 a.m.

2. PLEDGE OF ALLEGIANCE:

The Pledge of Allegiance is led by John Kersey followed by a moment of silence.

As a special holiday treat, Adam Bingham sings "The Christmas Song".

3. PUBLIC COMMENTS:

Stan Rajtora asks that the IWVGA Board officially task the Technical Advisory Committee (TAC) to peer review the DRI (Desert Research Institute) report, as well as any other issues involving the aquifer. He also suggests that a Finance Committee is formed to solve financial issues.

4. SPECIAL PRESENTATIONS:

None.

5. CONSENT CALENDAR:

- a. Approve Minutes of Board Meeting October 19, 2017.
- b. Approve Expenditures in the amount of \$66, 241.27.

Bob Page comments that the Board will be approving the minutes from the November 16, 2017 IWVGA meeting and not the October 19th IWVGA meeting as stated on the agenda.

Motion is made by Bob Page and seconded by Peter Brown to approve Minutes of Board Meeting November 16, 2017 and Expenditures in the amount of \$66,241.27. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Page Nays: None.)

6. REPORT FROM TECHNICAL ADVISORY COMMITTEE:

Adam Bingham, Chairperson of IWVGA TAC, provided a report from the December 6, 2017, IWVGA TAC Meeting.

The Technical Advisory Committee asks that the Board allow the Committee to look at possible future sites for stream gauges in addition to Sand Canyon and Grapevine Canyon.

The first draft Plan of Actions and Milestones (POAM), along with the first draft Potential Action Schedule (PAS) was presented by Stetson Engineers and reviewed by the TAC. In an effort to condense the TAC agenda, the TAC highly recommends to the IWVGA Board and Stetson Engineers that the PAS have no more than two current items assigned two weeks before the TAC Meeting. Additionally, the TAC recommends that no more than two future items be assigned two weeks before the TAC Meeting.

Vice-chair Breeden asks how the future and current agenda items will be designated to the TAC. Chair Gleason answers the POAM. Mr. Bingham adds that the PAS will also direct the TAC for future and current agenda items.

Commander Longbottom expresses concern that the durations in the POAM are being made to fit the deadline date. Commander Longbottom adds that showing the critical items and dates would be beneficial, as well as the percentage completed.

Motion is made by Peggy Breeden and seconded by Peter Brown to receive and file. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Page Nays: None.)

7. REPORT FROM POLICY ADVISORY COMMITTEE:

Donna Thomas, Chairperson of IWVGA PAC, provided a report from the December 6, 2017, IWVGA PAC Meeting. Chair Thomas provided the PAC report as a handout. The report is attached to the end of these minutes.

The Policy Advisory Committee asks the IWVGA Board to approve the 2018 meeting schedule, which currently has the PAC meetings set for the first Thursday of each month beginning at 6:00 p.m.

Vice-chair Breeden asks if the items which the PAC are asking the IWVGA Board for approval can actually be approved at this meeting or if the items must be agendized prior to approval.

Phill Hall clarifies that the Board cannot approve items which are not on the agenda. Mr. Hall adds that the PAC must present items to IWVGA staff prior to meetings for review and approval to be added to the agenda.

A standing agenda item to "Approve PAC items" is not compliant with the Brown Act and cannot be added to the agenda.

The Board discusses options for the PAC to provide IWVGA staff with items which need to be approved by the Board.

Bob Page comments that he doesn't feel the need to micromanage the committees. If direction has been given to the PAC to develop a proposal on an outreach plan, the PAC should be allowed to do so without being micromanaged.

Chair Gleason suggests that a log is kept of the public members who attend the committee meetings and make a comment or state a concern. The log then would be forwarded to the Board to review periodically to ensure all public comments are being heard and addressed. Chair

Gleason adds that he agrees there is no need to micromanage the committees, but instead task them.

Chair Gleason states he is fine with the two presentations the PAC hopes to have at the January PAC meeting. He also asks that the PAC bring to the Board a recommendation for a website regarding public outreach.

Motion is made by Peter Brown and seconded by Peggy Breeden to receive and file. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Page Nays: None.)

8. APPROVAL OF ADVANCED FUNDS AGREEMENT NO. 03-17 WITH INDIAN WELLS VALLEY WATER DISTRICT IN AN AMOUNT NOT TO EXCEED \$500,000

Peter Brown announces that the IWVWD approved an agreement, drafted by IWVWD Legal Counsel, to advance funds on future costs to the IWVGA.

Public making comment is Stan Rajtora who reiterates his suggestion of a financial committee being formed and that committee be tasked with developing a financial plan. He also urges the Board to look at financial management as soon as possible.

Don Decker suggests that the PAC and TAC meet three weeks prior to the IWVGA meeting to allow more time for administrative responsibilities.

Bob Page provides clarification of the current cash flow issue.

Vice-chair Breeden thanked the Indian Wells Valley Water District for entering into this agreement with the IWVGA.

Motion is made by Bob Page and seconded by Peggy Breeden to approve the advancement agreement with Indian Wells Valley Water District. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Page Nays: None.)

9. APPROVAL SIX-MONTH OPERATING BUDGET FOR FY 2018

Ron Strand, IWVGA's new General Manager, presents the budget for fiscal year 2018.

Peter Brown comments that some items on the budget report do not add-up correctly.

Commander Longbottom comments that the budget report does not match the budget noted on the POAM. Steve Johnson comments that the difference can be attributed to in-kind commitments being calculated on the POAM.

Ron Strand comments that this document can be amended by the Board at any time.

Bob Page comments that he would like to know exactly how much is left in the general fund. Mr. Page adds that in the Joint Powers Agreement (JPA), which all agencies signed, it states that the budget for the following fiscal year would be provided for review two months prior to the start of the fiscal year. Also, a fiscal year budget would be presented to the Board for approval, not a six month budget.

The Board heard comments from Stan Rajtora.

Ron Strand comments that the clarifications asked for by the Board and corrections will be added to the budget and presented at a future Board Meeting.

Motion is made by Peter Brown and seconded by Peggy Breeden to receive and file. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Page Nays: None.)

10. WATER REOURCES MANAGER REPORT:

Mr. Johnson provides a report regarding the following agenda items:

- a. Report on Submittal of Proposition 1 Grant Application
 - -Tim Ross, Department of Water Resources (DWR), reported that the Board should have information regarding the Prop. 1 funding by mid to late January.
 - -Between 75 and 80 applications were submitted under Category 1. Around 21 applications were considered critically overdraft basins.
- b. Groundwater Modeling Review
 - -Soon a discussion will be had regarding water balance in the IWV basin.
- c. Data Management System
 - -Phase one of the database preparation has been completed.
 - -Phase two will include input from the TAC and stakeholders on what types of data they wish to see in the database.
 - -Data will be exchanged between Tim Parker and SkyTEM.
- d. Plan of Action and Milestones (POAM)
 - -All draft POAMs will be dated and numbered to eliminate confusion.

Vice-chair Breeden thanked Chair Gleason, Kern County and IWVGA staff for their efforts and hard work the past eighteen months.

Motion is made by Peter Brown and seconded by Bob Page to receive and file. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Page Nays: None.)

11. GENERAL MANAGER'S REPORT:

Ron Strand comments that Alan Christensen is on vacation. No other report is provided.

12. CLOSING COMMENTS:

Peter Brown thanked the Board for their efforts in this difficult journey.

Steve Johnson expresses appreciation for everyone on their input towards the work from Stetson Engineers.

Chair Gleason thanked the TAC, PAC, Board, IWVGA staff, and the members of the public for all their input and efforts.

Vice-chair Breeden will transition from vice-chair to chair of the IWVGA starting in January 2018.

13. CLOSED SESSION:

Chair Gleason announces the Board move the meeting to Closed Session at 11:47 a.m.

a. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION (Government Code Section 54956.9(d)(2)(e)(1)) Number of cases: One (1) Significant exposure to litigation in the opinion of the Board of Directors on the advice of legal counsel, based on: Facts and circumstances that might result in litigation against the IWVGA but which are not yet known to a potential plaintiff or plaintiffs, which facts and circumstances need not be disclosed.

The meeting is recalled to Open Session. No action was taken that would require disclosure under the Brown Act.

14. DATE AND TIME OF NEXT MEETING:

The next IWVGA meeting will be held January 18, 2017, at 10:00 a.m.

15. ADJOURN:

Chairperson Gleason adjourned the meeting at 11:58 a.m.

Respectfully submitted,

Lauren Duffy

Clerk of the Board of Directors Indian Wells Valley Groundwater Authority

PAC Report for IWVGA Board of Directors Meeting – December 13, 2017

The PAC members took the following actions to make the following requests for the Board to address:

 Under PAC agenda for December 6, 2017 item #4 Review Staff Responses to PAC report for November 16, 2017 IWVGA meeting, there was discussion regarding the A7 staff response addressing how to deal with public comments presented at PAC meetings. "The PAC should refer those comments to the Board and not try to be a conduit for all public input."

The PAC members believe that it is a critical task for them to listen to concerns of members of the public and "provide all water users in the Basin with a meaningful voice and representation on policy matters of the Board associated with SGMA," as stated in Section 5.6 of the Bylaws of the IWVGA.

After committee discussion, the PAC members suggested a process for memorializing comments (making them a part of the public record) by including them with the minutes of the meeting so that public comments will not be overlooked or fail to be addressed. A handout on green paper will be provided. The comment will be written out and a notation made at the bottom of the page to "please follow up with the Water Resources Manager" with his contact information.

The PAC requests Board approval for this process for how to handle public participation from the PAC meetings in the decision-making process.

- 2. Under PAC agenda item #5, by roll call vote PAC members approved a motion to request Board approval for scheduling future PAC meetings on the First Thursday of each month beginning with January 4, 2018 at 6 P.M. at the IWVWD Conference Room.
- 3. Under item #6, PAC members reviewed the POAM and the separate handout entitled PAC Potential Action Schedule dated December 1, 2017. The PAC understands that the GSA Board assigns all our tasks. The PAC requests Board approval of the Draft PAC Action Schedule (attached to this report.) Currently PAC has one task assignment to complete and present Outreach Plan for Board approval by March 2018 (item 4 on this schedule derived from POAM).
- 4. Under PAC agenda item #7, by roll call vote PAC members approved a motion to adopt the GSP Stakeholder Communication and Engagement Guidance Document prepared by DWR as a framework for developing the Outreach Strategy. The PAC requests Board approval of this action. In connection with this action there was consensus of PAC members that Lorelei Oviatt, advisory PAC member, contact Megan Person, Kern County's new Director of Communications, and request her assistance to review the DWR guidance document and the outline for an Outreach Strategy to give the PAC some initial thoughts.
- 5. There are three items where the PAC seeks direction from the GSA Board. The first regards a request made at the December 6, 2017 TAC meeting for individual members of

the TAC and PAC to be given login information to access the database management site (IWV DMS geodatabase) for the GSP and provide individual feedback comments to Steve Johnson on the "design" and "functionality" of the site at the January 4, 2017 TAC and PAC meetings.

The second regards individual review by PAC members of DWR Best Management Practices documents in order for the members to become familiar with terminology and background information that they can use as we have discussions regarding policy matters. There are 6 BMP documents, the most recent one is the Draft Sustainable Management Criteria BMP (currently under review with comments due on January 8, 2018) and related to item #10 (Sustainability Goals and Sustainability Management Criteria – Discussion/Outreach) on the PAC Potential Action Schedule from the POAM. The third is the list of references forwarded by Scot O'Neil of the TAC regarding AEM (Aerial Electromagnetic - Sky Tem background information) papers. Some individual PAC members may want to review these references. The PAC members request a general Board approval for PAC members to take these opportunities to review such items in order to understand background information for comments and actions they will take as the development of the GSP proceeds.

6. The PAC requests Board approval for two presentations to be agendized for the January 4, 2018 PAC meeting. The PAC members would like to hear from PAC Advisory members Ryan Klausch representing the Bureau of Land Management, and John Kersey representing the Department of the Navy reviewing how the federal agencies address public involvement and the process for handling public comments for projects and planning efforts. These presentations will help to provide background for #5 on the Draft PAC Potential Action Schedule.

Submitted by

Darma Thomas 12/12/17

Donna Thomas, IWVGA PAC Chair



ITEM 7B

DI-1040

UNITED STATES DEPARTMENT OF THE INTERIOR DOWN PAYMENT (BILL) REQUEST

Phone: (916) 278-3034

Page:1

Bill #: 90593603 Customer: 6000005786 Date: 12/11/2017

Due Date: 03/11/2018

Remit Payment To: United States Geological Survey

Make Remittance Payable To: U.S. Geological Survey

P.O. Box 71362

Philadelphia, PA 19176-1362

Payer: KERN COUNTY

Billing Contact: Victoria Wu

Alan Christensen

1115 TRUXTUN AVENUE, 5TH FLOOR

BAKERSFIELD CA 93301

Additional forms of payment may be accepted. Please email GS-A-HQ RMS@USGS.GOV or call

703-648-7683 for additional information.

Checks must be made payable to

To pay through Pay.gov go to https://www.pay.gov.

U.S. Geological Survey. Please detach the top portion

or include bill number on all remittances.

Amount of Payment: \$ _____

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
12/11/2017	Quarterly billing for the Indian Wells Valley Recharge study, per a Joint Funding Agreement between Kern County & the U.S. Geological Survey. Quarterly billing covers: 7/1/17 through 9/30/17 17WSCA60005786	1	32,662.04	1	32,662.04
Amount Due this Bill: 32,662.04					

Accounting Classification: Sales Order: 65613 Sales Office: GWZG Customer: 6000005786 Accounting #: 10531277

TIN: *****0925

Quarterly Progress Report

Agreement Number 17WSCA60005786

For the period July 1, 2017 through September 30, 2017

Federal Fiscal Year 17, Quarter 4

Total FFY17 QTR 4 to Bill: \$32,662.04

Description:

For the period of July 1, 2017 through September 30, 2017 the USGS has done a literature review of all available published estimates of recharge in the Indian Wells Valley and assembled all available data for calibration, including streamflow data, data for actual evapotranspiration and mapped vegetation types, and anecdotal data for playa ponding. We have estimated sub-basin recharge from the Basin Characterization Model that was calibrated statewide using version 8 and are in the process of doing a local calibration by evaluating historical stream flow measurement from 10 gaging stations in the study area over a long time period 1956 to 2016. We are also currently evaluating preliminary results of actual ET comparisons for 18 vegetation types in the study area, and evaluating playa ponding estimates in comparison to BCM model results. A draft outline of the final report has been prepared and we presented preliminary results in November to the Indian Wells Valley Water District and local partners.



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 Invoice Number: 2652-04

County Administrative Office
1115 Truxtun Ave., 5th Floor

Invoice Date: 1/6/2018

Bakersfield CA 93301 ATTN.: Mr. Alan Christensen

Project #: 2652 Indian Wells Valley Groundwater Authority

Professional Services through 11/30/2017

er Resources Management 01 - Prep & Attend Board, PAC and TAC	C Meetings		
Professional Services	Bill Hours	Bill Rate	<u>Charge</u>
Principal	11.75	\$230.00	\$2,702.50
Supervisor I	27.00	\$200.00	\$5,400.00
Supervisor II	1.00	\$185.00	\$185.00
Senior II	2.00	\$145.00	\$290.00
Associate I	12.75	\$115.00	\$1,466.25
Administrative I	0.50	\$70.00	\$35.00
	Professional Ser	vices Subtotal:	\$10,078.75
eimbursables			Charge
Reproduction (Color)			\$173.55
Lodging			\$96.13
Mileage			\$299.60
Reproduction			\$37.50
Telephone	D. in L.		\$9.83 \$616.61
		ables Subtotal: _	
-	Attend Board, PAC and TAC Mee	tings Subtotal:	\$10,695.36
- Preparation of Prop 1 Application G		D.11 D	CI.
rofessional Services	Bill Hours	Bill Rate	Charge
Supervisor I	7.00	\$200.00	\$1,400.00
Supervisor II	3.00	\$185.00	\$555.00
Senior II	15.50	\$145.00	\$2,247.50
Associate I	8.75	\$115.00	\$1,006.25
Assistant II	5.00	\$90.00 _	\$450.00
	Professional Ser	vices Subtotal:	\$5,658.75
Preparatio	on of Prop 1 Application Grant Fun	ding Subtotal:	\$5,658.75
- Review of Basin Groundwater Model	[
Professional Services	Bill Hours	Bill Rate	Charge
Supervisor II	44.00	\$185.00	\$8,140.00
Senior II	0.25	\$145.00	\$36.25
	Professional Ser	vices Subtotal:	\$8,176.25
	Review of Basin Groundwater M	odel Subtotal:	\$8,176.25
- Database Collection of Data & Devt of	of Comprehensive Database		
Professional Services	Bill Hours	Bill Rate	Charge



Project #: 2652

Invoice No: 2652-04 January 06, 2018

Page 2

04 - Database Collection of Data & Devt o	_	D'11 D	CI.
Professional Services	Bill Hours	Bill Rate	Charge
Principal	20.25	\$230.00	\$4,657.50
Supervisor I	1.00	\$200.00	\$200.00
Supervisor II	2.00	\$185.00	\$370.00
Associate I	23.50	\$115.00	\$2,702.50
GIS Manager	0.25	\$115.00	\$28.75
Associate III	0.50	\$105.00	\$52.50
Aide II	19.00	\$60.00 _	\$1,140.00
	Professional Servi	ces Subtotal:	\$9,151.25
Database Collection of Da	ata & Devt of Comprehensive Datab	ase Subtotal:	\$9,151.25
04A - CASGEM			
Professional Services	Bill Hours	Bill Rate	Charge
Supervisor I	0.50	\$200.00	\$100.00
Senior II	7.00	\$145.00	\$1,015.00
	Professional Servi	ces Subtotal:	\$1,115.00
	CASG		
05 - Project Management Costs & Schedu	ıle		
Professional Services	Bill Hours	Bill Rate	Charge
Principal	3.00	\$230.00	\$690.00
Supervisor I	9.50	\$200.00	\$1,900.00
Senior II	8.50	\$145.00	\$1,232.50
Associate I	3.75	\$115.00	\$431.25
Associate III	0.50	\$105.00	\$52.50
	Professional Servi	ces Subtotal:	\$4,306.25
	Project Management Costs & Sched	ule Subtotal:	\$4,306.25
05A - POAM	, ,		. ,
Professional Services	Bill Hours	Bill Rate	Charge
Principal	3.50	\$230.00	\$805.00
Senior II	6.50	\$145.00	\$942.50
Associate I	2.00	\$115.00	\$230.00
	Professional Servi	_	\$1,977.50
POAM Subtotal:		_	\$1,977.50
		_	
	Water Resources Manageme	ent Subtotal:	\$41,080.36

*** Invoice Total *** _____\$41,080.36



HELSLEY, JEFF

Downey, CA 90241

Unknown

Clarion Inn (CAD82)

901 N. China Lake Blvd Ridgecrest, CA 93555 (760) 446-7910

GM.CAD82@choicehotels.com

Account: 555943310

Date: 11/3/17

Room: 129 saa

Arrival Date: 11/2/17

Departure Date: 11/3/17

Check In Time: 11/2/17 5:10 PM

Check Out Time: 11/3/17 8:11 AM Rewards Program ID: GP-JXH279012

You were checked out by: mhuert

You were checked in by: kbrown

Total Balance Due: 0.00

Post Date	Description	Comment	Amount
11/2/17	Room Charge	#129 HELSLEY, JEFF	85.02
	_	,,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	0.06
11/2/17	California Tourism Assessment		0.00
11/2/17	RTID Assessment		2.55
			8.50
11/2/17	Transient OccupancyTax		
11/3/17	Visa Payment		(96.13)
		XXXXXXXXXXXX2346	

Fo	lio Summary 11/2/17 - 11/3/17
Room Charge	85.02
Transient OccupancyTax	8.50
RTID Assessment	2.55
California Tourism Assessment	0.06
Visa Payment	(96.13) 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.

Thank you for your stay. Visit ChoiceHotels.com/RealGuestReviews to post your comments about your recent experience (Click the 'Write a Review' button)



INDIAN WELLS VALLEY GROUNDWATER AUTHORITY TECHNICAL ADVISORY COMMITTEE

Kern McGee Community Center, 100 W. California Ave, Ridgecrest, CA 93555

REPORT

Thursday, January 18th, 2018, Time 10:00 a.m.

- 1. The CALL TO ORDER FOR THE JANUARY 4, 2018 TAC MEETING was issued and TAC members present were recorded. There were sufficient members for a quorum.
- 2. Next was PUBLIC COMMENTS and during this time it was brought to the TAC attention that TAC member, Michael Powell, is out for personal medical reasons.
- **3.** The PREVIOUS MEETING MINUTES for the December 6th TAC meeting were then approved.
- **4.** For the administration item, TAC members where reminded to complete the Ethics Training and Form 700 requirements as soon as possible.
- 5. The PRIORITY PROJECTS/TASKS were then presented by Jean Moran with Stetson, and then discussed. Other members of the Stetson Group were present over the phone.
 - a. Steve Reich discussed the updated Database Management System, DMS, which is under development. Individual comments from TAC members has begun and Eddy Teasdale requested a document containing all of the comments submitted regarding the DMS. A long discussion time then took place. It was noted that the sustainability criteria may need to be established before the database is further developed. It was then proposed that an Ad-hoc discussion time be included that would provide an excellent comparison of the 4 DMS systems that are developed or are being developed. However, members of the TAC are concerned that developing and spending additional money on a DMS that likely is already not needed due to the existing DMS's currently available will lose needed time and money. Additionally, money has already been granted and paid for that supports the SkyTEM/Randoll database for the valley and additionally, the KCWA database has been upgraded recently and contains multiple valley monitor wells which includes the CASGEM wells. This led to the matrix discussion to compare and determine similarities. The TAC is now requesting that the GA board directs Stetson to build a Database Comparison Matrix which includes the 4 existing databases and the TAC will compare and present similarities. All of which may be done by individual comments and an Ad-hoc discussion as needed.
 - b. Next is the Ground Truthing discussion Jean informed the TAC that Steforn Bork from the Navy removed duplicate wells from the existing database.
 - c. Jean then presented the DRI Model Review update. Stetson has received model review comments. They have also requested cost estimates from DRI but no timeline has been made. Stetson is also waiting for the Navy's full review of the Draft Review Report. A couple of concerns discussed are the compatibility of involved datasets and incorporating new data from SkyTEM and USGS Studies.

IWVGA TAC COMMITTEE Meeting of January 4, 2018

- d. And finally, Stetson commented at this time that the POAM is not scheduled for revision. PAS Status for TAC has been assigned for January. PAS document is in DRAFT form and can be changed as needed. TAC was instructed to return personal comments to Stetson.
- **6.** The DISCUSSION OF FUTURE AGENDA ITEMS next took place.
 - a. The TAC requests permission from the GA to include "Future Agenda Items Schedule" as a standing item on the Agenda. The TAC also requests that they receive an update on the PAS each month.
- 7. COMMITTEE MEMBER ANNOUNCEMENTS OR COMMENTS then occurred.
 - a. Tim Parker presented and discussed current and newly found seismic data that is now available and may be processed to assist in the hydrogeologic groundwater modeling for the basin. El Paso basin has limited groundwater data, however, past seismic data has been located and an analysis of a portion of that data will indicate if it may be fully re-processed and has benefits for the hydrogeologic model of the basin. There is a small fee to investigate the previous seismic data.
 - b. Earl Wilson mentioned the occasional difficulty in opening large digital information available and provided to everyone and Don Zdeba responded stating IWVWD is always available and happy to provide printed copies of the emailed documents.
- 8. The TAC meeting was finished and ADJOURNED at 3:50pm

PAC Report for IWVGA Board of Directors Meeting – January 18, 2018

The PAC members took the following actions to make the following requests for the Board to address:

1. Under PAC agenda for January 4, 2018 item #2 Discussion of "green sheet" format for recording public comments, requesting response, documenting response for entries for a logbook of public comments for IWVGA.

The PAC members believe that it is a critical task for them to listen to concerns of members of the public and "provide all water users in the Basin with a meaningful voice and representation on policy matters of the Board associated with SGMA," as stated in Section 5.6 of the Bylaws of the IWVGA.

GA agenda item #12 The PAC requests Board approval for the format for the "green sheets" to use for the logbook of public comments as tasked by IWVGA to handle public comments made in the GSP Development meetings in the decision-making process. Simplified form provided for GA modification and approval.

Comments from Lyle Fisher and West Katzenstein with suggested changes for the form:

All public comments should be forwarded to the GA

Each comment should be categorized into one of 3 designations – material approved for discussion by existing PAC agenda; Candidate material for future PAC agenda item; Candidate material for TAC consideration. Statement "Response from Water Resources Manager Requested"; Addition of a document identifier (example PC-PAC 2018-01/04-#1)

Other comments from PAC discussion: also attach documentation as to what the response was. Put it on the back of the form or attach it to the form. Resolution and closure on one page if possible.

Question as to whether requiring the written comment and requiring name and contact information on the form for commenter is a violation of the Brown Act. Should the identifiers be optional? Statement such as "This is not mandatory. If you want to capture your comments in writing here is your opportunity and identifier information is optional."

You cannot require members of the public to sign in or provide identifying information. A member of the public suggested addition of a time frame for response to be made.

It is the decision of the GA to determine the format of the green sheet form and prepare a template for use.

Use of the public comment form and the logbook of comments will assure the public that we are listening and that we are addressing their concerns.

- 2. Under item #5, PAC members reviewed the POAM and the separate handout entitled PAC Potential Action Schedule.
 - A. Confusion caused by line 140 in the POAM that indicates that the outreach plan was completed on 10/17/17.
 - **B.** PAC needs to address list of outreach and communication items listed in POAM (lines 141 153) and never discussed by PAC. Decision as to whether to include them in the C&R outline.
 - C. The PAC Potential Action Schedule has only one date and the POAM has a range of dates stating start and finish. After much discussion, the PAC resolved to use a range of times/dates to begin discussion and an expected ending or completion date for a topic as shown in the POAM.
 - D. We ask for some indication regarding any linkages of topics that should follow TAC tasking. Please let us know which items on the PAC Potential Action Schedule need to be addressed by TAC prior to being discussed by the PAC. For example, items 6, 7, 8, 9, 13 seem to be tasked more for the TAC, and the actual outreach implementation would be under the purview of an outreach public relations professional.
 - E. We intend to review the POAM and the PAC Potential Action Schedule on each of our agendas.
- 3. Under PAC agenda item #6, PAC was tasked with developing a website. By consensus discussion, the PAC members will make recommendations as to what should be posted on a website and will work with the developer of a website. However, the PAC members will not take on the responsibility of setting up and maintaining a website. We believe that either Kern County or Stetson Engineers, Inc. should set up and maintain the information sharing website to include agendas, minutes, meeting dates including public meetings, updates, fact sheets, links to the State websites regarding SGMA information, etc. If PAC were responsible for posting information on a website, every posting might be delayed due to items requiring approval by the GA. That would not contribute to an expedited process for the posting and timely sharing of information with the public. It is the charge of the GA to develop a website as documented in the December 22, 2016 letter to DWR.
- 4. For PAC agenda item #7, John Kersey, representing the Department of the Navy, made a presentation addressing how a federal agency addresses public involvement and the process for handling public comments for projects and planning efforts. Ryan Klausch representing BLM was assigned to the Thomas Fire and was not able to attend the PAC meeting to make his presentation.
- 5. Under PAC agenda item #8 there was a thorough discussion of a draft plan presented to the committee based on the C&E outline with background information regarding requirements related to the development of the C&E Plan. The PAC members will put together a list of bullet points under each section of the C&E outline assigning items from the list of outreach items previously developed by the PAC. The PAC will ask the GA to address any legalities and SGMA requirements that may need to be addressed when they

review the plan in March. The PAC requests some professional assistance for "fleshing out" the outline. Perhaps Lorelei Oviatt, Megan Person, or Stetson Engineer, Inc. staff can help to review the outline and develop a more professional format for the plan. The PAC members will prepare the framework for the C&E Plan at the February 1, 2018 PAC meeting in a work session agenda item. All PAC members will provide input to compile a bullet list document as an outline for professional staff to develop in more detail. Nick Panzer presented a proposal for two topics for public workshop sessions to be included in the C&E plan. (See attached) There is an item in the components list that states that quarterly public meetings will be held with timing of topics related to the discussion by TAC and PAC and to allow for public input at the appropriate time. These two workshops could be included in the quarterly line up of public meetings.

Announcements: I will be out of the state from January 25, 2018 through February 8, 2018 and I will not be attending the February 1, 2018 PAC meeting. Vice-Chair Steve Godard will conduct the meeting. I am asking Stan Rajtora from EKCRCD to sit in for me. As allowed in the Staff Responses, he will be able to comment and provide input, but will not be able to vote.

Submitted by

Donna Thomas, IWVGA PAC Chair January 10, 2018

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PUBLIC COMMENT FOR CONSIDERATION REGARDING DEVELOPMENT OF THE GROUNDWATER SUSTAINABILITY PLAN OR THE INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

Department of Water Resources Bulletin 118 Groundwater Basin 6-54

Date of Policy Advisory Committee Meeting:	
Comment Presented By:	••••
Contact Information for Response:	
Telephone Number:	
Email address:	
Comment Subject:	
Comment:	e,s
o	
Response From Water Resources Manager Requested Review and Response Date:	
IWVGA Water Resources Manager: stevej@stetsonengineers.com IWVGA General Manager: rstrand@ridgecrest.ca.gov	

PAC Meeting

January 4, 2018

Comments by Nick Panzer Regarding:

g: 12/18

Agenda Item # 8; Actions to Implement Components for Outreach Strategy (specifically, 8. c., and 8. d. ii and vi)

I believe that the GA should anchor its Outreach Strategy with two public workshops. The first would address groundwater level *minimum threshold*, the second, **balancing the** *water* **budget**.

Minimum Threshold

The GA must consider and document in our GSP the conditions that would describe a significant and unreasonable lowering of groundwater levels. For example, the GA may decide that a basin-wide loss of domestic well pumping capacity due to lowering of groundwater levels is both a significant and unreasonable condition. The GA would then translate that decision into a groundwater level *minimum threshold*, the exceedance of which invites state intervention absent a credible GSP path that leads to groundwater levels above the minimum threshold after 2040 (see BMP, p.8). This public workshop would afford each stakeholder a say in the general conditions that describe a significant and unreasonable lowering of groundwater levels in the IWV basin. Stakeholder input will help our GA quantify the groundwater level *minimum threshold* that it must not cross after 2040 to comply with SGMA. GSP development cannot move forward until the GA quantifies this *minimum threshold*.

Balancing the Water Budget

After the GA a) quantifies the groundwater level minimum threshold as described above, b) publishes a "water users and uses statement" for a recent past year (see overleaf for a sample format), and c) quantifies by year through 2040 "new water" sources that it deems sufficiently reliable for inclusion in the GSP water budgets, then a second workshop would afford each stakeholder a say in the path that our water budget takes year by year from where we are now to where we need to be by 2040 to comply with SGMA.

The outcomes of these workshops can be used to update outreach strategy as needed.





MEMORANDUM

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TO: Indian Wells Valley GSA Board DATE: January 9, 2018

FROM: Stetson Engineers Inc. JOB NO: 2652-0004

RE: The Data Management System and Supporting Databases Required to Manage

Groundwater Sustainability in the Indian Wells Valley

Introductory

The Database Management System (DMS) is being developed for Indian Wells Valley to support groundwater sustainability consistent with the Department of Water Resources (DWR) requirements for a Groundwater Sustainability Plan (GSP). The DMS is used to store, access, and display data from the monitoring network consistent with DWR Groundwater Sustainability Regulation §352.6¹:

"Each Agency shall develop and maintain a data management system that is capable of storing and reporting information relevant to the development or implementation of the Plan and monitoring of the basin."

Stetson Engineers has been tasked with developing the DMS and monitoring network that are fundamental to the success of the GSP. The DMS will provide access to existing databases that monitor the impact of basin operations to assess whether those operations are within the goals and objectives required to meet basin sustainability.

The purpose of this memorandum is to discuss the attributes of the DMS and its reliance on existing databases, including the KCWA, CASGEM, and Navy groundwater well databases. Another management system that relies on the use of existing well databases includes the SKYTEM system currently being developed by the Danish based Ramboll Group. While both the DMS and the SKYTEM system rely on existing well databases to perform their function, neither should be described as a "database".

Databases are analogous to car parts, the data management system is the car itself; databases and data management systems shouldn't be directly compared.

¹California Code of Regulations Title 23, Division 2, Chapter 1.5, Subchapter 2.

Stetson Engineers Inc. Page 1 January 9, 2018

Indian Wells Valley DMS

The Indian Wells Valley DMS is being developed to **implement the Indian Wells Valley GSP**. The DMS will rely on water level, water quality, meteorological, groundwater production, and model² output data to *manage long-term sustainability*. The DMS will contain triggers, thresholds, and action items used to adaptively manage the basin. For example, when a water level (trigger) drops below a specific elevation (threshold³), then an action item will be recommended. These triggers, thresholds, and action times will be established in the future when the sustainability goals and objectives⁴ are established. Whether the goals and objectives are tied to water level, water quality, aquifer compaction, storage, production, or subsurface flow, the DMS will monitor the physical parameters that describe these attributes so management actions can be monitored and implemented.

The DMS will provide access to driller's logs, geophysical well logs, structural geology, and other relevant datasets that describes each of the wells used in managing the GSP. The total number of wells included in the DMS may only be between 30 and 40 wells depending on the goals and objectives established for the GSP. The 30 to 40 wells included in the DMS will be consistent in terms of including well construction data, well logs, and water levels so *long-term management decision can be made based on wells that meet a minimum requirement* that will be established in the Monitoring Protocol phase of the DMS development.

The DMS will be owned and managed by the Indian Wells Valley GSA. Annual maintenance of the DMS will include updating databases (water levels, water quality, production, etc.). Data from KCWA⁵ (CASGEM) will be uploaded semi-annually to the DMS following water level measurements. The DMS will automatically produce reports based on DWR standards and requirements (§352.6). The DMS will provide user-friendly public access to data and reports that support the long-term sustainability of the basin.

SKYTEM System

Our limited knowledge of the SKYTEM system is that it is being developed to **improve the existing conceptual groundwater model** (not the numerical DRI model) of Indian Wells Valley. The SKYTEM system will rely on driller's well logs, geophysical well logs, and aeromagnetic data to *develop a geologic conceptual model* of the Indian Wells Valley. Additional datasets will include structural geology, water level, and water quality data to support the development of the improved

Model data used in the DMS will be output from the numerical groundwater flow model currently being developed by the Desert Research Institute under contract to the U.S. Navy.

^{§354.28} describes establishing minimum thresholds to quantify groundwater conditions for each applicable sustainability indicator.

^{4 §354.3} describes that each agency shall establish measurable objectives to achieve sustainability goals.

⁵ KCWA currently collects data from U.S. Navy for submittal to the State under CASGEM. This practice is not expected to change in the future.

conceptual groundwater model, and eventually, an improved numerical groundwater flow model sometime in the future.

Similar to the DMS, the SKYTEM system will provide, at a minimum, access to driller's logs, geophysical logs, structural geology, and water levels. The total number of wells included in the SKYTEM system will likely be in the hundreds, consisting of wells that may or may not have current water level data. One of the goals of the SKYTEM system is to define the geology of the basin, so it will likely include the maximum number of wells possible.

It is unknown who will manage or maintain the SKYTEM system in the future. It is also not known if the SKYTEM system could include GSP goals and objectives to manage long-term sustainability. Finally, it is also not known if the SKYTEM system could provide DWR reporting consistent with GSP requirements (§352.6).

Well Databases

KCWA maintains a database of wells in Indian Wells Valley. The database includes: state well number, well name, location, elevation, date drilled, depth, well type, construction data, and groundwater level data. This database will be used by both the DMS and SKYTEM system to locate and display well and groundwater level information.

CASGEM is a statewide groundwater elevation monitoring program to track seasonal and long-term trends in groundwater elevations. DWR has substituted the Indian Wells Valley Groundwater Authority for the Indian Wells Valley Cooperative Groundwater Management Group (IWVCGMG) as the monitoring entity for Indian Wells Valley. Water level measurements for CASGEM are collected by KCWA and the U. S. Navy; Searles Valley Minerals Corporation updates CASGEM, on behalf of the Indian Wells Valley Groundwater Authority. Groundwater wells in the CASGEM database includes: well name, State I.D. elevation, location, well type, construction information, and groundwater level data. The CASGEM monitoring plan⁶ identifies 39 wells at 21 sites throughout Indian Wells Valley. This database will be used by both the DMS and SKYTEM system to locate and display well and groundwater level information.

The U.S. Navy maintains a groundwater well database that includes: state well number, well name, location, elevation, date drilled, depth, well type, construction data, and groundwater level data. This database will be used by both the DMS and SKYTEM system to locate and display well and groundwater level information. This database will be relied⁷ upon by both the DMS and SKYTEM system to locate and display well and groundwater level information.

Summary

There are at least three existing databases that will be relied upon by both the DMS and SKYTEM system to populate well information and groundwater level for specific purposes. The DMS meets

⁶ SB X7 6 Requirements (per State-Department of Water Resources Guidelines), November 16, 2011.

⁷ Use of this database is subject to approval by the U.S. Navy.

the requirements of DWR's regulations for storing and reporting information relevant to the development or implementation of the GSP and monitoring of the basin as previously described (§352.6, §354.28, §354.3). These data will be available to the public in a user-friendly format, which is web-accessible, and maintained by the Groundwater Authority. The SKYTEM system will also rely on these three databases to improve the geologic and hydrogeologic conceptual model that will be beneficial to the Brackish Groundwater Feasibility Study. An improved geologic and hydrogeologic conceptual groundwater model will also improve the science in Indian Wells Valley and benefit overall basin management and the GSP, when completed.

While there may be redundancy between the three databases, the DMS and SKYTEM system have separate goals and specific functions. The KCWA, CASGEM, and Navy databases contain many of the same groundwater wells and associated groundwater level data. Generally, the CASGEM database, submitted annually to DWR, is a unique subset of wells contained in both the KCWA and Navy databases. The DMS will rely heavily on the CASGEM database, which has been previously determined by the IWVCGMG to describe the groundwater conditions basin, to monitor the goals and objectives of the GSP. Except for the addition of dataloggers in specific wells, the data collection activities of KCWA, IWVCGMG, and the Navy are not expected to change dramatically. As these entities collect their respective data in the future, they will be incorporated in the DMS to manage the sustainability of the Indian Wells Valley consistent with DWR regulations.

