

# 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, April 18, 2019

**Closed Session 9:30 a.m.**

**Open Session 11:00 a.m.**

Pursuant to California Government Code 54953(B)(1) An Additional Call in Location Has Been Established for A Board Member Who Will Attend This Meeting Via Teleconference At:  
Lake Arrowhead Resort and Spa, Stars Room, 27984 Highway 189, Lake Arrowhead, CA 92352

*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 Lauren Duffy at (760) 384-5511. 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 – 9:30 a.m.**

#### **2. PUBLIC COMMENTS ON CLOSED SESSION**

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. CLOSED SESSION**

- CONFERENCE WITH LEGAL COUNSEL - POTENTIAL 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.

**4. OPEN SESSION - 11:00 a.m.**

- a. Report on Closed Session
- b. Pledge of Allegiance
- c. Roll Call

**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.

**6. CONSENT AGENDA**

- a. Approve Minutes of Board Meeting March 21, 2019
- b. Approve Expenditures:
  - i. \$5,764.47 - RWG Law
  - ii. \$11,304.71- DRI
  - iii. \$8,314.00 – JPRIMA 2019-2020 Policy Term

**7. REPORT ON THE FINAL 2017/2016 AUDIT CONDUCTED BY BROWN AMSTRONG**

**8. DISCUSSION AND BOARD APPROVAL FOR INDIAN WELLS VALLEY WATER DISTRICT TO MAINTAIN LOCAL FINANCIAL RESPONSIBILITIES FOR THE IWVGA BEYOND 2019**

**9. DISCUSSION AND BOARD DIRECTION TO STAFF FOR IWVGA GENERAL MANAGER POSITION**

**10. DISCUSSION AND APPROVAL OF IWVGA LOGO**

**11. WATER RESOURCES MANAGER (WRM) REPORT**

- a. Report/Discussion on Plan of Action and Milestones (POAM)
- b. Report on Proposition 1 Grant Status
- c. Report on Pump Fee Status/Schedule
- d. Severely Disadvantaged Community (SDAC) Update
- e. Report on IWVGA's Water Marketer (Capitol Core Group)

**12. UPDATE ON IWVGA FINANCES**

**13. UPDATE ON OUTREACH EFFORTS**

**14. BOARD QUESTIONS REGARDING POLICY ADVISORY COMMITTEE (PAC) AND TECHNICAL ADVISORY COMMITTEE (TAC) REPORTS**

**15. GENERAL MANAGER'S REPORT**

**16. CLOSING COMMENTS**

**IWVGA Board of Directors  
Meeting of April 18, 2019**

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

**17. DATE AND TIME OF NEXT MEETING** – May 16, 2019; 10:00 a.m.

**18. CLOSED SESSION**

- CONFERENCE WITH LEGAL COUNSEL - POTENTIAL 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.

**19. ADJOURN**

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# INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

## BOARD OF DIRECTORS

### MINUTES

Thursday, March 21, 2019; 10:00 a.m.

#### IWVGA Members Present:

Chairman Ron Kicinski, IWVWD	Don Zdeba, IWVGA General Manager
John Vallejo, Inyo County	James Worth, Legal Counsel
Mick Gleason, Kern County	Stephen Johnson, IWVGA Water Resources Manager
John Kersey, US Navy	Robert Lovingood, San Bernardino County
Scott Hayman, City of Ridgecrest	Lauren Duffy, Clerk of the Board

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 Chairman Kicinski at 10:00 a.m.

#### 2. PUBLIC COMMENTS ON CLOSED SESSION:

None.

With no further public comment made, Chairman Kicinski calls the meeting into Closed Session at 10:01 a.m.

#### 3. CLOSED SESSION:

- CONFERENCE WITH LEGAL COUNSEL - POTENTIAL 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.

#### 4. OPEN SESSION 11:00 a.m.:

The meeting is reconvened into Open Session at 11:14 a.m.

##### a. Report on Closed Session:

Jim Worth reports that no action was taken that requires disclosure under the Brown Act.

##### b. The Pledge of Allegiance is led by Chairman Kicinski.

Lauren Duffy calls the following roll call:

Director Vallejo	Present
Director Hayman	Present
Chairman Kicinski	Present
Director Lovingood	Present
Vice Chair Gleason	Present

**5. PUBLIC COMMENTS:**

Sophia Merk expresses her concerns regarding the amount of closed sessions being held.

Tim Parker, Indian Wells Valley Water District (IWVWD) consultant and member of the Groundwater Resources Association (GRA) Board of Directors, announces that GRA is holding their 2<sup>nd</sup> Annual Groundwater Sustainability Agency Summit on June 5 & 6 in Fresno. He comments that he has secured grant funding to pay the registration fees for certain Groundwater Sustainability Agency (GSA) members to attend the summit. Members are encouraged to apply through an application on the GRA website.

Elaine Mead asks if Kern County or the IWVGA are going to try and capture any of the excess water which the Department of Water & Power (DWP) will release. She further asks if there is any way to track the water that is helping out the wells along the washes.

Ralph Lachenmaier asks John Kersey, U.S. Navy Representative, questions regarding the letter submitted by the Navy at the February IWVGA Board Meeting.

**6. CONSENT AGENDA:**

- a. Approve Minutes of Board Meeting February 21, 2019
- b. Approve Expenditures
  - i. \$9,360.00 – RWG Law
  - ii. \$3,000.00 – Brown Armstrong Accountancy Corp.
  - iii. \$15,604.23, \$20,599.45, and \$6,455.43 – DRI

Motion made by Mick Gleason and seconded by Scott Hayman to approve Minutes of Board Meeting on February 21, 2019, and the following expenditures: \$9,360.00 to RWG Law, \$3,000.00 to Brown Armstrong Accountancy Corp., and \$15,604.23, \$20,599.45, and \$6,455.43 to DRI. Motion carries. (Ayes: Gleason, Hayman, Kicinski, Vallejo. Nays: None. Absent: Lovingood.)

**7. DISCUSSION AND APPROVAL OF REVISED 2019 IWVGA BUDGET:**

Don Zdeba, General Manager, presents the revised IWVGA budget. The budget items coordinate with appropriate task numbers listed on the POAM.

The Board discusses that the deficit is due to a cash flow issue; Proposition 1 grant funding not yet being administered and pumping being low during the winter season, which result in lower fees being paid. IWVWD Chief Financial Officer (CFO), Tyrell Staheli, clarifies that the deficit also reflects the reimbursement to Kern County and IWVWD, however, the reimbursement to IWVWD would not take place in 2020, but later on, which results in the ending balance of 2020 being in the positive.

The Board hears comments from Renee Westa-Lusk, Alan Christensen, and Derek Hoffman.

Vice Chair Gleason comments that the IWVGA needs to hire a General Manager for 2020, as Kern County will be unable to fill that role. Vice-chair Gleason goes on the record stating that the costs of importing water are staggering, the probability of importing is low, and the plans will take dozens of years. He further states that he doesn't believe importing water is economical for the valley.

The Board approves the budget with the understanding that monthly updates will be provided to the Board, the budget can be revisited at any time, and the pumping fee can be extended to cover additional costs.

Motion made by Mick Gleason and seconded by Robert Lovingood to approve revised 2019 IWVGA Budget as presented to the Board. Motion carries unanimously. (Ayes: Gleason, Hayman, Kicinski, Lovingood, Vallejo. Nays: None. Absent: None.)

**8. DISCUSSION AND APPROVAL OF TRANSITIONING PARTIAL FINANCIAL RESPONSIBILITIES TO THE INDIAN WELLS VALLEY WATER DISTRICT FOR 2019:**

Don Zdeba refers to the letter in the Board Packet which authorizes IWVWD personnel to authorize payments for invoices.

Staff recommends a permanent agency maintain financial duties for the IWVGA, versus an annual transfer between agencies. Item will be added to the April agenda for discussion and approval.

The Board hears comments from Judie Decker.

Motion made by John Vallejo and seconded by Robert Lovingood to approve transitioning partial financial responsibilities to the Indian Wells Valley Water District for 2019. Motion carries unanimously. (Ayes: Gleason, Hayman, Kicinski, Lovingood, Vallejo. Nays: None. Absent: None.)

**9. WATER RESOURCES MANAGER REPORT:**

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

Jeff Helsley provides a report on the updated POAM. Available online.

**b. Report on Proposition 1 Grant Status:**

The draft Proposition 1 invoice package was submitted to Department of Water Resources (DWR) for review. Stetson received final comments and clarifications from DWR on the invoice. Stetson intends to respond to the comments and provide clarification and return by the end of the following week. Internal review can take up to 45 days. The first reimbursement check from DWR is tentatively expected mid to late May.

**c. Report on Pump fee Status/Schedule:**

There are currently 49 registered accounts. Staff is awaiting response from the 3<sup>rd</sup> notices sent to well owners who have failed to register and letters sent to newly identified possible non-de-minimis pumpers. \$211,000 received to date in pumping fees.

The Board hears public comments from Judie Decker, West Katzenstein, Sophia Merk, Ralph Lachenmaier, Mallory Boyd, and Nick Panzer.

**d. Summary of Water Supply Augmentation Plan:**

Jeff Helsley presents the Water Supply Augmentation Plan. Available online.

**e. Severely Disadvantaged Community (SDAC) Update:**

Mr. Helsley also provides the presentation on the SDAC update.

The Board hears comments from Sophia Merk.

**10. DISCUSSION AND APPROVAL OF CAPITOL CORE AGREEMENT:**

Don Zdeba reads the Staff Memorandum included in the Board Packet. Staff recommends the Board approve the agreement between Capitol Core Group and the IWVGA.

Capitol Core Group employees, Jeff Simonetti and Todd Tatum, introduce themselves and answer questions from the Board and public.

The Board hears comments from Derek Hoffman and West Katzenstein.

Motion made by Mick Gleason and seconded by Robert Lovingood to approve the agreement between Capitol Core Group and the IWVGA. Motion carries unanimously. (Ayes: Gleason, Hayman, Kicinski, Lovingood, Vallejo. Nays: None. Absent: None.)

**11. UPDATE ON OUTREACH EFFORTS:**

Don Zdeba provides a report on outreach efforts for March and an update on the outreach postcard reflecting edits recommended by Board and public at the February IWVGA Board Meeting.

The Board hears comments from Sophia Merk and Elaine Mead.

Larry & Elaine Mead provide a check for \$2,000 on behalf of Mojave Pistachios, to contribute towards the cost of the postcard.

**12. BOARD QUESTIONS REGARDING POLICY ADVISORY COMMITTEE (PAC) AND TECHNICAL ADVISORY COMMITTEE (TAC) REPORTS:**

PAC Chairman Dave Janiec and TAC Chairman Adam Bingham report on highlights of the March 7<sup>th</sup> PAC and TAC meetings.

Director Lovingood excuses himself from the meeting.

Vice Chair Gleason directs staff to draft a letter to DWR, on behalf of Mr. Janiec's request, asking if there are any new authorities that the IWVGA is granted under the Sustainable Groundwater Management Act (SGMA). The request would seek a clear range of authorities that are available under SGMA for the IWVGA to proceed with management actions and scenarios for modeling.

The Board hears comments from Don Decker, Sophia Merk, West Katzenstein, and Judie Decker.

**13. GENERAL MANAGER'S REPORT:**

a. Report on Ramboll Geoscene 3D Model Presentation:

Don Zdeba clarifies that the presentation on the hydrological conceptual model (HCM), made the day prior, is different than the HCM being used by Stetson Engineers for the development of the Groundwater Sustainability Plan (GSP).

Mr. Zdeba comments that the presentation was televised and is available on the City of Ridgecrest's YouTube channel.



**14. CLOSING COMMENTS:**

None.

**15. DATE AND TIME OF NEXT MEETING:**

The next IWVGA Regular Board Meeting will be held on April 18, 2019; at 9:30 a.m.

With no further Board or Public comments, Chairman Kicinski recessed the meeting at 2:10 p.m. for a short break.

The meeting is reconvened into Closed Session at 2:14 p.m.

**16. CLOSED SESSION:**

- CONFERENCE WITH LEGAL COUNSEL - POTENTIAL 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 reconvened into Open Session.

No action was taken that requires disclosure under the Brown Act.

**17. ADJOURN:**

With no further Board or Public comments, Chairman Kicinski adjourns the meeting at 2:29 p.m.

Respectfully submitted,



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

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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-06-1947 A / 10 ✓

DATE: 04/10/19

AMOUNT: \$11,304.71 ✓

TERMS: Due Upon Receipt

Contract/Grant/Agreement/Purchase Order	Period Billed	
	From	To
Indian Wells Valley Grndwater Authority ✓ Contract Dated 5/23/18	3/1/2019	3/31/2019
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

Indian Wells Valley Grndwater Authority ✓

Salaries	7,664.23	97,572.73
Fringe Benefits	3,640.49	46,832.17
Travel	0.00	4,339.73
Operating	0.00	12.00
Totals	11,304.71	148,756.64

**Total Amount Due This Invoice**

11,304.71 ✓

Budget Amount 239,934.00  
Invoiced to Date 148,756.64  
Budget Balance **91,177.36**

"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."

*Sherril Schmidt*

04/10/19

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

Date

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 \*



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126 N. Main Street  
Porterville, CA 93257

Phone: (559) 781-5200 Fax: (559) 781-3229

www.INSURICA.com

**Indian Wells Valley Ground Water Authority**  
**1115 Tuxtun**  
**Bakersfield, CA 93301**

<b>Invoice # 164177</b>	<b>4/10/2019</b>
Account Number	Insurance Agent
<b>INDIWEL-03</b>	Lloyd Turner
Balance Due On	Invoiced By
<b>5/1/2019</b>	MHERNANDEZ
Amount Paid	Amount Due
	<b>\$8,314.00</b>

**Excess Liability**

**Policy Number: JPAEXS-00252 01**

**Effective: 04/01/2019 to 04/01/2020**

Trans Eff Date	Due Date	Trans	Description	Amount
Apr 1, 2019	05/01/2019	NPPR	4/1/2019 - 4/1/2020 New Excess Liability Policy	\$2,517.00

**Package**

**Policy Number: JPAPKG-00252 01**

**Effective: 04/01/2019 to 04/01/2020**

Trans Eff Date	Due Date	Trans	Description	Amount
Apr 1, 2019	05/01/2019	NPPR	4/1/2019 - 4/1/2020 New Package Policy	\$4,949.00
Apr 1, 2019	05/01/2019	FTOT	JPRIMA Administration Fee	\$848.00

**Total Invoice Balance: \$8,314.00**

Please make check payable to: INSURICA



**CALIFORNIA ASSOCIATION OF MUTUAL WATER COMPANIES  
JOINT POWERS RISK AND INSURANCE MANAGEMENT AUTHORITY (JPRIMA)  
MEMORANDUM OF COVERAGE (MOC)**

**PARTICIPATION CERTIFICATE**

**ISSUER:**

California Association of Mutual Water Companies Joint  
Powers Risk and Insurance Management Authority (JPRIMA)  
(No Joint and Several Liability for Members)

**REINSURER:**

Allied World Insurance Company or affiliate  
A XV (Excellent) A.M. Best Rating  
100% Reinsurance for JPRIMA

**ENROLLED NAMED MEMBER:**

**Indian Wells Valley Groundwater Authority**

**EFFECTIVE DATE:**

4/1/2019

**INSURANCE ADMINISTRATOR:**

Allied Community Insurance Services, LLC  
11452 El Camino Real Suite 250  
San Diego, CA 92130  
National Producer Number: 17536322

**BROKER:**

Walter Mortensen Insurance / INSURICA  
8500 Stockdale Highway  
Bakersfield, CA 93311

Coverage	Y / N	Participation Number	Contribution
Property	No	N/A	\$ N/A
Crime	Yes	JPAPKG-00252-01	\$ 750.00
General Liability	Yes	JPAPKG-00252-01	\$ 3,086.00
Public Officials & Management Liability	Yes	JPAPKG-00252-01	\$ 1,113.00
Business Auto	No	N/A	\$ N/A
Excess Liability	Yes	JPAEXS-00252-01	\$ 2,517.00

	\$ 7,466.00
<b>JPRIMA Administration Fee</b>	\$ 848.00
<b>Total Amount Due</b>	\$ 8,314.00
<b>Payment Plan Selected</b>	<b>Annual</b>

**NOTES:**

Refer to proposal for coverage detail.

Issue Date: 4/2/2019

Authorized Signature: \_\_\_\_\_

Paul R. Fuller, CPCU  
Allied Community Insurance Services, LLC  
JPRIMA Insurance Administrator  
California License #0L01269

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## IWVGA ADMINISTRATIVE OFFICE

### STAFF REPORT

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**TO:** IWVGA Board Members **DATE:** April 18, 2019

**FROM:** IWVGA Staff

**SUBJECT:** Agenda Item No. 8 – Discussion and Board Approval for Indian Wells Valley Water District to Maintain Local Financial Responsibilities for the IWVGA Beyond 2019.

### **DISCUSSION**

The Indian Wells Valley Groundwater Authority (“Authority”) was formed under a Joint Powers Agreement approved by Resolution 02-16 December 8, 2016. Under Section 3.7 of the Bylaws, “The County of Kern shall serve as the Fiscal Agent and Treasurer for the Authority unless otherwise directed by a vote of the Board.”

Kern County has performed all financial tasks since the Authority was formed, including through the transition of leadership to the City of Ridgecrest during Fiscal/Calendar Year 2018. Indian Wells Valley Water District (“District”) assumed the lead role for the Authority in 2019, which includes local financial responsibilities for the Authority. The District’s assumption of local financial responsibilities for 2019 was approved by the Authority Board at the March 21, 2019 meeting.

Financial responsibilities of the Authority have been distributed as follows:

<b>Authority Responsibilities</b>	<b>Fiscal Agent/Treasurer Kern County Treasurer</b>	<b>Local Financial Role District</b>
Hold and manage funds	X	
Budget and monthly reporting		X
Cash Management Accounting		X
General Ledger Accounting	X	
Recommend disbursements		X
Issue disbursements	X	
Accounting/facilitate auditing	X	
Audit Management		X

The leadership role for the Authority is scheduled to rotate back to Kern County in January 2020, which would include the County’s assumption of local financial responsibilities. Staff believes that it is not efficient or desirable to continue to transition financial duties among the three local agencies in the IWVGA leadership role. Accordingly, until a



permanent administrative structure for the Authority is in place, it is recommended the District continue with local financial responsibilities beyond 2019, and until directed otherwise by the Board.

**RECOMMENDED BOARD ACTION(S)**

Authorize the District to continue to manage the local financial responsibilities of the Authority beyond 2019, and until directed otherwise by the Board.

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## IWVGA ADMINISTRATIVE OFFICE

### *STAFF REPORT*

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**TO:** IWVGA Board Members **DATE:** April 18, 2019

**FROM:** IWVGA Staff

**SUBJECT:** Agenda Item No. 9 – Discussion and Board Direction to Staff for IWVGA General Manager Position.

### **DISCUSSION**

Under Section 3.3 of the Bylaws, “[U]ntil a General Manager is appointed, and except for the Authority's General Counsel and Treasurer functions, Authority administration and management will be conducted using a collaborative staffing model in which the professional and technical staff of the member agencies work together to provide staff leadership, management, and administration of the Authority.” Kern County staff provided administrative support for the initial 18-month period through 2017. The City of Ridgecrest provided administrative support in 2018 and has transitioned that role to Indian Wells Valley Water District for 2019. As each local agency has rotated into the lead administrative role for the Authority and the Authority is intended to be the managing agency for the basin in the future, it is desirable for the Authority to put in place a permanent administrative position to manage the Authority and the implementation of the groundwater sustainability plan.

At the May 17, 2018 Authority Board meeting, a Staff Report was presented on the Authority General Manager Job description and recruitment. The Board directed staff to recruit a General Manager to lead the Authority at the staff level. Staff recommended upon approval of the job description, a recruitment would commence on or close to May 28, 2018 and recruitment would close by June 30th. Upon receiving applications and the Board conducting interviews with qualified candidates, it was decided to discontinue seeking a General Manager. The Board directed Staff to develop an alternative approach to managing the Authority by potentially hiring an Analyst position. To date, Staff have not presented an alternative staffing recommendation to the Board for consideration, as member agency staff have not reached agreement about several logistical issues, including where an Analyst would be physically located and who would be responsible for managing the Analyst's work and time on a day-to-day basis.

Indian Wells Valley Water District's term as acting Authority General Manager ends December 31, 2019. Kern County has expressly stated that they will not assume leadership at the Staff level for 2020. The process of identifying qualified applicants, selecting and hiring a candidate, and providing adequate time for them to successfully transition into the administrative role will require several months. Staff is seeking direction from the Board.

### **RECOMMENDED BOARD ACTION(S)**

Direct acting Authority staff regarding how best to resume efforts to recruit permanent staff to administer and manage the business of the Authority.

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## IWVGA ADMINISTRATIVE OFFICE

### STAFF REPORT

**TO:** IWVGA Board Members

**DATE:** April 18, 2019

**FROM:** IWVGA Staff

**SUBJECT:** Agenda Item No. 10 – Discussion and Approval of IWVGA Logo.

### **DISCUSSION**

The Indian Wells Valley Groundwater Authority (“Authority”) was formed under a Joint Powers Agreement approved by Resolution 02-16 December 8, 2016. As the Authority is an independent agency and is intended to be the groundwater sustainability agency for the Indian Wells Valley basin going forward, Staff recommends the Authority adopt a logo to represent its “brand” in applications such as Authority letterhead, documents and web page.

Local graphic artist, Molly Boster, has provided three potential designs for an Authority logo.

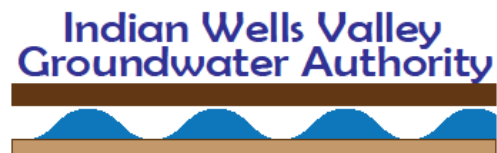
(1)



(2)



(3)



The designs were presented to the Policy Advisory Committee (PAC) at the April 4, 2019 meeting. It is the recommendation of the PAC to adopt design number 2 as the Authority logo.

### **RECOMMENDED BOARD ACTION(S)**

Adopt the PAC recommendation for the Authority logo.

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**Indian Wells Valley Groundwater Authority**  
**Fiscal Year 2019 First Quarter Report**

	Project Budget/ POAM      2019 Budget		FYTD through March	
<b>Beginning Balance</b>		<b>231,368</b>	<b>476,713</b>	
County of Kern Advance	500,000	245,345	-	
IWVWD Advance	500,000	-	-	
Navy in-Kind	1,097,300	476,700	-	
IWVWD In-kind	80,000	-	-	
Initial Member Contribution	75,000	-	-	
<b>Beginning Balance</b>	<b>1,252,300</b>	<b>953,413</b>	<b>476,713</b>	
<b>Revenues</b>				
DWR	249,950	24,449		
Prop 1 Grant	2,146,000	931,325		
-GSP Preparation @ \$1,500,000				
-SDAC @ \$646,000				
Distressed Counties Grant Revenue-Reimbursement	170,000	170,000		
Assessment Pumping Fee	1,522,384	762,973	84,692	
<b>Total Revenue</b>	<b>3,838,384</b>	<b>1,888,747</b>	<b>84,692</b>	
<b>Expenses</b>				
Task 1- Initial GSP Support Studies	167,600	(39,805)	13,924	
Task 2- Proposition 1 SGMA GSP Development Grant	102,880	25,119	12,191	
Task 3- Data Management System	371,105	292,276	20,768	
Task 4- GSP Development and Submittal	2,505,700	1,633,434	263,560	
Task 5- SDAC Projects	646,000	598,959	2,450	
Task 6- IWVGA Project Management and Administrative Tasks	206,300	72,906	90,221	
- City of Ridgecrest Reimbursement	210,466	-		
Task 7- Legal Services	200,000	187,123	33,433	
Task 8- Stakeholder/Authority Coordination	289,250	259,826		
- Additional PAC/TAC/Board Meeting Support	100,000	100,000		
- Additional Pump Fee Support	36,000	36,000		
Task 9- Groundwater Pumping Fee Support	121,500	23,468	85,123	
Stetson- TSS Support	17,464	14,700		
Stetson- Brackish Water Support	47,088	30,000		
Stetson- Imported Water Coordination	48,710	45,000		
Stetson- Allocation Process Support	104,015	50,000		
Stetson- Navy-Coso Funding Support	13,382	10,000		
Auditing Services & IWVWD Reimbursement for Website fees			6,276	-Unbudgeted
Banking Fees	60	-		
Addtl Insurance Cost	2,000	2,000	1,653	
PAC & TAC Meeting Costs	7,470	7,470		
Water Marketing	230,000	230,000		
Undocumented Expenditures (pre-FY2018)	-	-		
<b>Total Expenses</b>	<b>5,426,990</b>	<b>3,578,475</b>	<b>529,598</b>	
<b>Reserve Requirements</b>		<b>227,268</b>		
<b>Ending Balance</b>		<b>(963,583)</b>	<b>31,807</b>	
<b>Unpaid Invoices</b>				
Stetson Inv# 2652-18 03/07/19			89,203.59	
Stetson Inv# 2652-19 04/02/19			92,542.40	
DRI			11,304.71	
RWG Law			5,764.47	
Insurica Inv# 164177 04/10/19			8,314.00	
			<b>207,129.17</b>	



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**Item 1. Call to Order**

All members were present with the exception of voting members Tim Carrol and James Mower, and non-voting member Lorelei Oviatt.

**Item 2. Open Public Comment (Not Related to Other Agenda Items)**

Lee Knutsen of WellIntel updated the status of the community groundwater program. He has installed 5 systems and the well owners have filled out registration forms. He intends to install 3-5 more systems on Friday and has one opening remaining in the program.

**Item 3. Approval of PAC Meeting Minutes.**

Final draft minutes of the last two meetings were not yet available due to family illness. Renee Westa-Lusk has been taking the minutes as a volunteer for nearly a year and a half and Josh Nugent volunteered to take over that responsibility.

**Item 4. Allocation Status Review and Update**

**4.a. Review Individual Submitted Comments from Allocation Discussion during the March PAC Meeting** None were received.

**4.b. Review Update Report and Any Assignment from Mr. Markman Resulting from the March 8 Attorney Meeting**

Mr. Markman provided a written report summary update for two meetings held on March 8 and 29. His report is attached for accuracy and completeness.

It was noted during the TAC meeting earlier in the day that the next scenario to be modeled (3<sup>rd</sup> Scenario) is awaiting definition and on the critical path for GSP completion. It was planned to be closer to what a final plan might look like, with the 4<sup>th</sup> scenario further refining it. The plan forward, outlined by the WRM, is to take TAC and PAC input, specifically including technical recommendations from the TAC Ad-Hoc Modeling subcommittee, into the next Attorney meeting, April 11. The WRM and staff would then bring resulting recommendation or recommendations (if different) to the full GA Board on April 18 to select the management plan outline for the 3<sup>rd</sup> scenario to be modeled.

- West Katzenstein provided an outline of a sustainability plan for consideration in the process on behalf of the Domestic Well Owners Association. A copy is also attached.
- Raj Jonnalagadda re-emphasized the importance of understanding the assumptions that were input to the model. He again requested the detailed assumptions be provided.

**Item 5. Draft GSP Chapter Review and Update**

- An updated version of the Introductory Chapter was reviewed and a few minor corrections were agreed to be provided to the WRM. Nick Panzer noted that the TAC does not appear to have a representative for the "Residential Customers of a Public Water Agency" defined in the chapter. Judie Decker pointed out the "Small Agriculture" is not listed as having a representative on the TAC. Public comment noted that the agricultural users were not listed among the group with interests that need to be considered in a GSP, while they were specifically given that recognition in SGMA revised language.

- Review of the draft GSP Chapter release schedule shows a highly compressed process likely requiring additional interim PAC meetings this summer. It was observed that it has taken 75 days from first draft of the Introductory Chapter to date, with several more complex chapters compressed into the next 4 months.
- Given a risk to completing the GSP on time, the PAC recommends the GA staff consider 3 potential options (the PAC did not have a consensus recommendation):
  - Continue with the current plan
  - Modify our GSP approach to implement a plan (with intermediate thresholds and objectives in case of undesired consequences) until the data and scenarios are at the level of fidelity required for our current approach
  - Continue with the current plan while reaching out to DWR to determine if an extension is even possible under SGMA law and under what circumstances?

#### **Item 6. Review Report on Potential New Authorities Available Under SGMA**

The GA General Counsel provided a response on this. No further clarification is requested.

**Item 7. Imported Water Update** - The update was received without major discussion.

#### **Item 8. Shallow Well Impact Mitigation Policy**

The draft policy was discussed and an Ad-Hoc subcommittee was appointed to complete an in-depth review of the draft policy and make recommendations regarding evaluation of well owner responsibilities for impacted shallow wells (post-GSP adoption), funding options, and how to evaluate previously impacted shallow wells (pre-GSP adoption). The Ad-Hoc subcommittee is comprised of: Judie Decker, Josh Nugent, Pat Quist, and West Katzenstein.

- Public comment noted the urgency of addressing the shallow well data and impact assessments long before the proposed date of 2021 in the draft document. Elaine Mead reiterated her previous offer (made about 2 years ago) to well owners that are having problems and pulling their pumps, to “camera the well” to help identify the issue (dry well or casing failure, for example) at her expense. WellIntel noted that the opportunity to have more immediate data on shallow wells could be provided with their systems.
- Pat Quist noted that EKCRCB has over 20 binders of historic confidential shallow well data and will request that the EKCRCB Board consider providing it at their next board meeting.

#### **Item 9. Proposed IWV Logo Review and Recommendation**

Three proposed logos were presented and voted upon by the committee and the attending public. The ballot is attached to this report and the second logo (middle of the three) was selected by a significant margin (11-6-3). The PAC recommends this logo for adoption.

#### **Item 10. Future Agenda Items**

- Review and approval of previous meeting minutes
- Allocation status update. Review and new progress
- Shallow Well Impact Mitigation Plan Ad-Hoc subcommittee Report
- Draft GSP Chapter review (2 scheduled)

- POA&M items 35 and 49 review and comment
- Imported Water Status Update

**Item 11. Future PAC meeting dates**

May 2, June 6, June 27 (replacement for July 4 meeting)

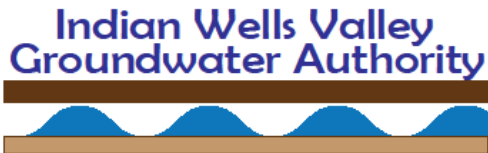
**Item 12. Member Comment**

- Members requested more timely submission of the documents for review prior to meetings in order to provide productive review and recommendations.
- Clarified guidance for PAC Member comments in public was provided by the GA General Counsel in writing. No further clarification was requested.
- The PAC thanked Renee Westa-Lusk for her dedicated efforts in voluntarily providing meeting minutes for nearly a year and a half.

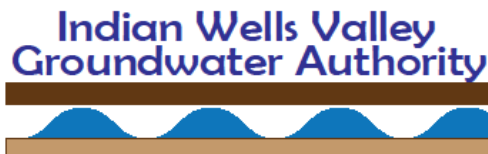
**Item 13. Meeting Adjourned.**

Submitted by: David Janiec, IWVGA PAC Chair, 11 APR 2019

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY  
LOGO OPTIONS



INDIAN WELLS VALLEY GROUNDWATER AUTHORITY  
LOGO OPTIONS





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## MEMORANDUM

VIA ELECTRONIC MAIL

TO: David Janiec (david.janiec@chinalakealliance.org)  
CC: Steve Johnson (stevej@stetsonengineers.com)  
FROM: James L. Markman *JLM*  
DATE: April 1, 2019  
SUBJECT: Report from March 8 and March 29, 2019 Meetings on IWVGWA Allocation Plan

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Again, this Report is intended to roughly reflect the subject matter of the meetings. All specific statements made at the meetings are understood to be privileged pursuant to California Evidence Code section 1152. No statement made was intended to constitute a final position to which a client may be ultimately tied. Following is a list of concepts and issues raised which could be presented to the Authority Board for consideration.

### March 8 meeting

The meeting began with a description of feedback from various participants in the process, including PAC, TAC, Authority Board Members and interested members of the public, including the following:

1. There were proposed bases which have been presented which would deprioritize agricultural production, including the purported priority of "Health and Safety" water, which presumably would include some amount of gallons per person per day which the District could serve with a first priority, the statutory priority of municipal and industrial water over agricultural water and the assertion that agricultural use of water in the Basin under present circumstances should not be considered a reasonable use of water.
2. The City of Ridgecrest has become established to perform the core role of facilitating the Navy Mission at the China Lake base, so that preserving a water priority for the District and others serving Navy employees for base operations should constitute the priority goal for the allocation plan.

There then occurred discussion of the structures previously presented which assumed approximately 15,000 acre feet per year of supplemental water would be imported, that rampdown of production should seek to reach a level which includes that amount of water and fees would be charged on water production to cover the project costs and, ultimately, the imported water. Following are concerns raised about that structure:

1. Inyo County concerns about the derivation of LADWP water.
  2. The speculative nature of making the sustainability plan dependent on the arrival of the supplemental water.
  3. The question of who could afford the costs of the proposed assessments, particularly certain agriculture.
  4. The impact of the assessments on district ratepayers.
  5. Whether the level of certainty of the cash flow from assessments would be high enough to attract capital funds.
  6. The institutional question of which entity would be responsible, financially and physically to produce an imported water project.
3. There was discussion about the rampdown and transferability. Potential purchasers of water rights to maintain levels of pumping during rampdown included the District, Pistachio operations and Searles.

All parties were requested to reassess their positions on future production based on the issues identified above. The common law application of a prescriptive rights period then was discussed and Steve Johnson presented a rough calculation of what the parties' beginning production amounts would be. This discussion assumed a prescriptive period concluding with 2014. This was meant to very roughly describe an allocation based on assumed prescription and the exercise of self-help if litigation were to ensue.

The meeting then resumed prior considerations of a delay to commencement of rampdown of production (5 to 10 years was the period suggested). Steve Johnson indicated that one or more model runs would be needed to assess the potential damage to small wells which could be generated by this further mining of the Basin.

The following six general points were identified as a potential starting list of ultimate deal points:

1. Navy uses, inclusive of a proportion of a supplier's total service going to Base personnel would not be ramped down.
2. There would be a negotiated cap on increases to municipal water rates resulting from the implementation plan.
3. Rampdown would be deferred provided that there only would be near term impacts, which would be mitigated.
4. There would be a voluntary means for ag to transfer off of native groundwater by a specified end date.
5. Subject to 3., rampdown would get to Native Safe Yield and imported water would be paid for by the project beneficiary.
6. Administrative and mitigation fees would be assessed upon plan adoption and would be ongoing on each acre foot produced.

A written draft of these points will be circulated and refined.

### **March 29 meeting**

Following are the discussions as reflected in my notes:

It was stated that the Authority Board desires options presented for its consideration of an allocation plan. One option will be calculation of base water rights (a starting point for most production) generated during a prescriptive period ending with 2014 which would establish prescriptive and self-help rights, excepting the application of other legal principals such as the priority of federal reserved rights, the application of those rights and, possibly, other legal concepts such as the statutory priority of Municipal and Industrial use and Agricultural use and the concept of which constitutes a reasonable beneficial use of the subject basin under present circumstances. Those concepts might be applied to protect water production by the district and others in proportion to the connections of ratepayers which include a person who works at the Naval Base. It was noted that agricultural uses would be very likely to be terminated by application of those principles relatively quickly, be bought out or be ramped down over an agreed period of time. There was a request made to agricultural producers to present an option with the most acceptable requests for delay in cutback and a following rampdown period to limit basin mining and harm to shallow wells. There was then a discussion over the concept of what constitutes an undesirable effect under the sustainability legislation. One question was whether more mining of the basin creates an undesirable result due to lost water



reserves or whether there needs to be an additional physical impact such as the need to repair or replace wells. This discussion consumed a significant amount of the meeting. The point was raised that if the damage to shallow wells could be mitigated by a reasonable amount compared to the economic damages to agricultural interests which would occur by a short period to reach a sustainable level, litigation might occur which would generate costs and the loss of time.

It was pointed out that the sustainability statutes allow reliance on an imported water supply and require that supply or its potential to be specified in the Implementation Plan. One response stated that the problem is presently identifying a viable project and a viable source of funding for the project and the purchase and the imported water.

There then occurred discussions concerning the financial feasibility of different operations generating different crops surviving in the basin and bearing either the rampdown or the costs of supplemental water. The agricultural representatives were encouraged to discuss this privately. It was emphasized that the group needs to generate the best possible option, particularly in asking for a delay in cutting production and in specifying the total rampdown period to reach sustainability. The agricultural representative agreed to engage in that discussion.

It was noted that even at the conclusion of a rampdown, with only the District, the City, the Navy and Searles pumping, approximately 4,000 acre feet of supplemental water would be needed to balance supply and production. Steve Johnson suggested a banking program might be achieved working with LADWP. He also stated that the parameters of the next model runs need to be done and are being delayed. It was suggested that following the discussion between the agricultural interests, the Model Ad Hoc group needs to take input and decide on model run parameters.

The next meeting is set to occur at Keith's office at 10:00 a.m. on April 11, 2019.

## **Outline of the IWV Domestic Well Owner Groundwater Sustainability Plan**

Authored by Domestic Well Owner Representatives: Don Decker, Lyle Fisher,  
West Katzenstein and Judie Decker January 9, 2019

### **Background:**

The residents of the Indian Wells Valley (IWV) depend entirely on groundwater for their water supply. This supply has been in unsustainable overdraft, as defined by the California State Department of Water Resources, since 1960 and before. **The annual pumping consumption has exceeded reliable recharge estimates by at least 20,000 acre-feet for decades.** In some major areas of the IWV, overdraft symptoms include not only steady year by year declines in water table levels but declines in water quality also. Recent additional pumping demands from large-scale agriculture and new planned development within the Valley are additional very serious concerns. The greatest impact of the ongoing overdraft is being felt by the small well owner who typically has only a relatively shallow, low capacity well. **These wells are not simply a minor part of the Valley community but constitute 97% of the production wells in the Valley. The IWV rural community has depended on the natural “distribution” system inherent in the Valley aquifer. This “distribution” system is now in jeopardy and without very large cuts in water pumping and a significant recovery of aquifer water levels, many more wells will fail.**

The State of California has mandated that Basins in groundwater overdraft be managed aggressively so that groundwater is in a Sustainable condition by 2040. The legislation that sets this requirement, the Sustainable Groundwater Management Act (SGMA) was signed into law in 2015. **To be sustainable, the IWV Basin can support a pumping rate no greater than natural recharge, which has been carefully estimated at present to be 7650 acre-ft/yr.** Overdraft in the IWV Basin has been declared to be “Critical” and the magnitude of the shortfall so extreme that the solutions will undoubtedly include severe restrictions on future pumping. **This mandate will require a cooperative effort between all pumpers with the major pumpers receiving the most severe restrictions.**

A de minimis well community has been specifically identified in the SGMA legislation and has been provided with both guidance and consideration. Most small domestic wells will fall into the State defined de minimis category with less than 2 ac-ft /yr. usage. Some sustainability requirements will be waived for these pumpers. This does not mean however, that these pumpers will not be held accountable for their contribution to conservation and careful system maintenance. **Overall responsible use of water falls onto all users.**

### **Issues specific to the IWV Domestic Well Owners**

**The IWV Domestic Well Owners Association (DWOA) has consistently and very publicly supported the basic principles of sustainable groundwater management of the IWV Basin.** Most of our DWOA associates would be willing to take an active part in a sustainability solution. However, this willingness which potentially includes accepting legally mandated assessments, is

based on full recognition by the Groundwater Authority of the special vulnerability of the shallower wells that most of these residents are depending on.

**There absolutely must be a specific element in the GSP to address the repair of the literally hundreds of wells either now failing or which will shortly be so. The willingness to support the GA effort must be accompanied by a reciprocal effort by the GSA to effectively reach out to the rural IWV community and its extreme supply issues. Any assessments must be accompanied by specific funded efforts to repair the ongoing domestic well damage from chronic water level declines.** Any domestic well assessments would be made at a flat rate in accord with SGMA direction that de minimis wells will not be metered or reported.

#### **DWOA Plan Summary:**

Given the IWV Basin's present day very low natural recharge, 7650 acre-ft/yr., a large fraction of that groundwater quantity will ultimately be allocated to the Navy as Federal Reserved water. A quantity, 2200 acre-ft/yr., the present consumption, has been suggested. A quantity, 1000 acre-ft/yr., would be set aside for the de minimis community. The quantity, 1000 acre-ft/yr. is the current estimated de minimis consumption. The remaining quantity, 4450 acre-ft/yr. would be shared by all other Basin claimants. This quantity, a basic allotment, would provide for overall public health and safety in IWV and Searles Valley communities. All individual claimants including members of agricultural and industrial functions would receive a share.

**Additional groundwater pumped beyond 7650 acre-ft/yr. would be allocated by the GSA to the present-day pumpers according to a rate schedule that will increase year by year for 10 years at which time rates based on imported water costs are reached. Any new project, put in place after 2015, would receive its water supply at full imported water rates. No exceptions.**

**The funds collected would be placed in an account specifically directed to building imported water infrastructure and obtaining imported water allocations.** No doubt additional funding would be required for this task and it would likely come from a combination of DoD (Navy-Coso Royalty and encroachment funds) and California DWR water supply grants. When imported water becomes available such water would replace current groundwater consumption beyond 7650 acre-ft/yr. **Imported water would be supplied to all major pumpers and to those mutuals and large co-op systems where connection to the imported water system would be feasible. Market forces would control water consumption up to the physical limits of the quantities of imported water available. Minimum quantity and quality thresholds would be established to protect the remaining groundwater.** Specific plans would be put in place to prioritize the uses of this water if by whatever misfortune the minimum thresholds are reached at any point.

#### **Additional Plan Details**

In effect, the aquifer in this Basin is the distribution system for the rural domestic well owners. Our view of a fair and efficient groundwater allocation would leave the IWV groundwater source primarily for the Navy, the domestic well owners and those mutual and co-op systems that could

not practically connect to the imported water system. It is important to realize the minimum health and safety allotment for rural domestic use is somewhat larger than for corresponding urban use. This additional water is in most areas of the IWW a necessity to maintain windbreak trees and shrubs to reduce wind damage, wind born dust and to provide an essential level of sunshade. In contrast, these environmental benefits are greatly enhanced in an urban setting by sharing windbreak effects with closely adjoining houses, buildings and landscaping.

### **Advantages of this Plan**

The sustainability advantages of this plan are numerous and many are unique to this plan.

- Provides a fair and equitable distribution of sustainable groundwater
- Provides a fair process for funding an imported water plan
- Does not have a high potential for a challenge based on California water law
- Except for the initial basic allocation which is shared by all individual citizens, no contentious allocation plan is involved
- Recognizes Federal Reserved water rights
- Recognizes de minimis domestic circumstances including the inherent aquifer distribution system
- Market force economics controls the great majority of the Basin water consumed starting immediately upon adoption
- Projects in place after 2015 will pay for water fairly, at full market rates

### **The Future**

It is unlikely that in the foreseeable future IWW natural recharge will change from its present diminishing nature. The groundwater we are pumping is primarily Pleistocene glacial melt water placed during past pluvial times. **The only way present Valley economies and lifestyles can be maintained is by securing and maintaining adequate sources of imported water to supplement the meager present-day recharge.** This imported water supply will likely be limited, expensive and even unreliable year to year. It is apparent that the Navy is an especially important partner in securing imported water and other measures such as long-term water banking so that flexibility and reliability is built into our future Basin supply scheme.

A carefully performed examination of the IWW annual economy reveals that the Navy contribution is about 85% of the total averaged over decades. This huge percentage is indicative of the critical role the Navy plays in this Valley's affairs and as such must receive the highest priority by all other authority in decisions affecting its function. At the same time the Navy has a major responsibility in ensuring future Valley groundwater and imported water supplies.

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# INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

## TECHNICAL ADVISORY COMMITTEE REPORT

April 18, 2019 Report

- Call to Order of the April 4, 2019 meeting.
  - Present: Adam Bingham (Chairman), Eddy Teasdale, Don Decker, Tim Parker, Don Quist, and Earl Wilson.
  - Unable to attend: Michelle Anderson, Scott O'Neil, Stephan Bork and Wade Major.
  - No Rand Community Water District Representative
- Public Comments
  - Elaine Mead asked if there is a plan to capture LADWP water releases into the basin.
    - Response: Dataloggers have been purchased and one has been recommended for the area near where releases occur.
  - Sophia Merk commented that LADWP must report the information to BLM and that information should be available to the public. Previously BLM made that water available to the public.
  - Lee Knudtson provided a status update on the WellIntel program. Data will be made available to the IWVGA.
  - Don Zdeba commented that he is in contact with LADWP to request a schedule for future releases and said he has the 2017 volume that was released.
  - Mallory Boyd commented that LADWP releases should be directed to canyons most beneficial to the basin.
- WRM Discussion of GSP
  - Presentation/review of the modeling results for the Baseline and Scenario 1 and Scenario 2. TAC members provided comments and questions regarding storage volume (AF) and declining water levels, data and monitoring points. Update on development of Scenario 3. Currently no direction was provided by the allocation group for the next scenario. Agriculture representatives were asked to collaborate. TAC member comments regarding the Borrego Valley Groundwater Basin draft GSP, model uncertainty, and sustainable criteria were provided and the TAC recommended a discussion of the monitoring network for the next TAC meeting. There was more TAC discussion of allocation and fees.
  - Presentation of Shallow Well Impacts. Model interpretation for shallow wells will be reviewed, comparison of 50yr impact versus historical drawdown differences to determine the amount of possible wells impacted. The causes of drawdown in specific areas was discussed. KCWA measured data will be compared with modeling outputs and the KCWA elevation map updates from recent monitoring well data will be completed and information provided. Also mentioned, Ramboll will provide Stetson with well construction and well log data.
    - Public comments made included a request for location of shallow wells that are impacted, water quality concerns if shallow wells are drilled deeper. In response, the TDS model is on hold until final management scenarios are selected.

**IWVGA TAC COMMITTEE**

**Meeting Report – April 18, 2019**

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- An update on the monitoring network analysis and data gap analysis was provided. Work plans are in progress for water quality and aquifer testing. Permitting discussions in progress for stream gages and weather stations. The TSS application was accepted by DWR and the DWR coordination with a driller is in progress.
- Update on the allocation process as it relates to GSP implementation was provided. Allocation progress has caused a delay of the GSP development. Preferred management actions have not been selected. Input from allocation group must be provided to WRM and TAC.
- POAM and GSP release schedule was revised and presented. Sections 2 and 3 are scheduled to be sent to the TAC this month for review. The anticipated release of remaining sections have been delayed. The TAC recommended the sustainable criteria discussion begin at the May meeting including the monitoring network. There was also discussion on integration of the Ramboll report in the GSP.
  - Public comment by PAC chair suggesting increased amount of TAC and PAC meetings are required to meet deadlines due to schedule compression.
- Future Agenda Items and Meeting Dates
  - No changes at this time but they may occur as needed for GSP requirements.
  - Current future meetings scheduled for May 2<sup>nd</sup>, June 6<sup>th</sup> and 27<sup>th</sup> that will replace the July meeting date.
- Final WRM & TAC Announcements and Comments
  - WRM: No comments.
  - TAC:
    - Eddy Teasdale: Suggested equipping wells in Freeman Gulch in advance of LADWP releases.
    - Don Decker: Requested materials be provided in advance.
    - Tim Parker – Mentioned upcoming Prop 1 grant funding including some funding available coming in spring 2019 and IRWM funding.
    - No additional comments from Don Quist, Stephan Bork, Wade Major, Don Decker, Earl Wilson, and Adam Bingham.
- Meeting adjourned at 4:11 pm.