

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

BOARD OF DIRECTORS

A G E N D A

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

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact Alan Christensen at (661) 868-3183. Requests must be made as early as possible and at least one full business day before the start of the meeting. Documents and material relating to an open session agenda items that are provided to the IWVGA 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. PLEDGE OF ALLEGIANCE

3. 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.

4. SPECIAL PRESENTATIONS - None

5. CONSENT AGENDA (Items may be removed from the Consent Agenda for discussion by the Board)

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

6. REPORT FROM TECHNICAL ADVISORY COMMITTEE

7. REPORT FROM POLICY ADVISORY COMMITTEE

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

9. APPROVAL SIX-MONTH OPERATING BUDGET FOR FY 2018

10. 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)

11. GENERAL MANAGER'S REPORT

12. CLOSING COMMENTS

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

13. CLOSED SESSION

- 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.

14. DATE AND TIME OF NEXT MEETING January 18, 2018; 10:00 am

15. ADJOURN

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

BOARD OF DIRECTORS MINUTES

Thursday, November 16, 2017, 10:00 a.m.

IWVGA Members in attendance:

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

Attending via teleconference: Dina Saleh, Lorrie Flint, and Alan Flint with U.S. Geological Survey
California Water Science Center

1. CALL TO ORDER:

The meeting is called to order by Chairperson Gleason at 10:03 a.m.

2. PLEDGE OF ALLEGIANCE:

The Pledge of Allegiance is led by Nick Panzer followed by a moment of silence.

3. PUBLIC COMMENTS:

Public making comment is Judie Decker who suggests the Board revise their bylaws regarding the Policy Advisory Committee (PAC) and Technical Advisory Committee (TAC).

Nick Panzer asks, as a member of the public, if the Board is subject to Brown Act agenda and notice rules when assigning tasks to standing committees.

Mike Neel comments that the vast majority of people in this basin, ones who are served by the Water District, don't face a problem of lack of water. According to the Todd report, the people who are not served by the Water District are the ones who face a problem. Mr. Neel suggests that the focus should be on those who face an issue and not the entire basin. Phill Hall answers that the IWVGA was mandated by the state of California to examine the entire basin.

4. SPECIAL PRESENTATIONS:

- a. Report by USGS on Status of Groundwater Recharge Study.

Lorrie Flint provides a progress report with regards to Estimating Natural Recharge in Indian Wells Valley. The presentation is available online at:

https://www.kerncounty.com/water/IWV_Recharge_11162017.pdf

Vice-chair Peggy Breeden asks Ms. Flint if she could explain her comment that the recharge would substantially change with additional information. Ms. Flint replies that they anticipate the preliminary estimate of 5,000 acre-feet to increase by 50% to 100%.

Chuck Griffin asks if natural springs would be taken into account. The TAC is tasked to provide a map of spring locations to Lorrie Flint and staff. Adam Bingham will follow up with USGS and Bureau of Land Management.

Lorrie Flint states that they will provide updates to the Board as frequently as needed. A draft report should be available by the end of February and an update should be available by January 2018.

Public making comment is Don Decker, Judie Decker, and Harold Manos.

Don Zdeba provides an update on SkyTEM. The presentation is available online at:

https://www.kerncounty.com/water/20171114_IWV_SkyTEM_status_dmz.pdf

Mr. Zdeba states that just raw data has been collected and no conclusions have been reached at this point. The "loop" instrument which was used is 1,600 lbs. and roughly 3,100 sq. ft. There were two (2) flights on Friday, two (2) on Saturday, and one (1) flight on Sunday. Max Halkjaer, with Ramboll, feels the data collected looks very promising.

Chuck Griffin asks if the TAC could be tasked to contact Kern County Water Agency (KCWA) and obtain the transducer data at the times which the SkyTEM loop was flying over to compare data. Chair Gleason agrees with tasking the TAC to gather the data.

Chair Gleason asks who has rights to this data, to which Don Zdeba answers within the partnership, the Water District does.

No public comments.

5. **CONSENT CALENDAR:**

- a. Approve Minutes of Board Meeting October 19, 2017.
- b. Approve 11-17 Resolution Appointing Members to the Policy Advisory Committee.
- c. Approve 12-17 Resolution Appointing Members to the Technical Advisory Committee.
- d. Approve Expenditures in the amount of \$58,076.99.
- e. Approve Calendar of Regular Board Meetings for 2018.

Public making comment is Derek Hoffman, who asks the Board for an introduction and background of the new members on the TAC and PAC.

An explanation of the membership changes will be discussed later in the meeting.

Motion was made by Peggy Breeden and seconded by Bob Page to approve Minutes of Board Meeting October 19, 2017, 11-17 Resolution Appointing Member to the Policy Advisory Committee, 12-17 Resolution Appointing Member to the Technical Advisory Committee, Expenditures in the amount of \$58,076.99, and Calendar of Regular Board Meetings for 2018. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Harrington, Page Nays: None.)

6. **ADOPT ORDINANCE 10-17 STATUTORY LIMITS AND PROCEDURES FOR CLAIMS AGAINST THE INDIAN WELLS VALLEY GROUNDWATER AUTHORITY – 2nd Reading:**

Phill Hall comments that the first read was done at the October IWVGA Board Meeting. The 2nd reading is to be done today as well as adoption of the ordinance. Phill Hall read the title of Ordinance 10-17.

No public comments.

Motion was made by Peggy Breeden and seconded by Bob Harrington to adopt Ordinance 10-17 Statutory Limits and Procedures for Claims against the Indian Wells Valley Groundwater Authority. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Harrington, Page Nays: None.)

7. ADOPT AMENDMENT TO BYLAWS – ARTICLE 11. PURCHASE POLICY:

No public comments.

Phill Hall clarifies with regards to notices, due to the IWVGA being a Joint Powers Agreement (JPA) it follows vastly different notice requirements. The majority of the Purchase Policy is pure policy, very little is legal.

Commander Longbottom clarifies with regards to Section H – The Navy is not subject to this section of the Bylaws. The U.S. Navy is subject to another entire set of federal land laws.

Motion was made by Bob Page and seconded by Chuck Griffin to adopt Amendment to Bylaws – Article 11, Purchase Policy with the following amendments:

- Section 4B sub-section #e – to read “**Twenty Five Thousand Dollars (\$25,000)**”
- Section 4B sub-section #f – to read “**Twenty Five Thousand Dollars (\$25,000)**”
- Section 4C sub-section #1a – to read “Notice Inviting Bids **may be** published”
- Section 4C sub-section #6 – to read
 - “a. Re-advertise; or
 - b. Award bid to local vendor;**
 - c. Award bid by coin toss or lost; or
 - d. Accept the lowest bid made by negotiation with the tie bidders at the time of the opening...”

Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Harrington, Page Nays: None.)

8. REPORT FROM TECHNICAL ADVISORY COMMITTEE:

Adam Bingham, Chairperson of IWVGA TAC, provided a report from the November 2, 2017, IWVGA TAC Meeting.

Public making comment is Derek Hoffman.

It was asked that the PAC and TAC reports focus on matters which are important and to inform the Board of necessary information.

Chair Gleason asks the status of the Plan of Actions and Milestones (POAM).

Commander Longbottom comments that realistic restraints need to be included on the POAM.

After much deliberation Chair Gleason asks staff to present a POAM at the next Board meeting in December.

The TAC is tasked to get the POAM in motion.

Motion was made by Peggy Breeden and seconded by Chuck Griffin to receive and file. Motion carried unanimously. (Ayes: Breeden, Brown, Gleason, Harrington, Page Nays: None.)

9. REPORT FROM POLICY ADVISORY COMMITTEE:

Donna Thomas, Chairperson of IWVGA PAC, provided a report from the November 2, 2017, IWVGA PAC Meeting.

The Board heard public comments made by Nick Panzer, Don Decker, Mike Neel, Patricia Farris, West Katzenstein, Judie Decker, and Harold Manos.

Phill Hall clarifies that if a public comment is made at a standing committee meeting, it cannot be turned into an action item. He provides further clarification regarding the review process of the committee agendas. Mr. Hall concludes that the TAC deals with aspects of the Groundwater Sustainability Plan (GSP) and therefore goes through the Water Resources Manager (WRM) for direction. The PAC deals with Policy, which involves the Board, and therefore goes through the Board.

Chair Gleason reads the staff responses to PAC questions. Staff responses have been distributed to the IWVGA Interested Parties list.

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

10. WATER REOURCES MANAGER REPORT:

Steve Johnson provided a report regarding the following agenda items:

- a. Report on Submittal of Proposition 1 Grant Application
- b. Groundwater Modeling Review

Steve Johnson states that the application to change the CASGEM designation was submitted and accepted this morning. The application for Prop. 1 grant funding was submitted on November 13, 2017.

A handout with updates on the Groundwater Modeling was provided. A presentation on the model review is scheduled for the next TAC meeting on December 6, 2017.

No public comments.

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

11. GENERAL MANAGER'S REPORT:

Alan Christensen reports on the following agenda items:

- a. Management Transition to City of Ridgecrest in 2018
- b. Budget Review
- c. Rescheduling December Meeting of the IWVGA

Alan Christensen updated the Budget Review and provided it as a handout in the Board Packet.

Mr. Christensen comments that the issue of cash flow needs to be resolved before the beginning of the year to avoid Stetson Engineers ceasing to work.

The Board agrees to schedule the next meeting for December 13, 2017, with a quorum present and some participating via teleconference.

No public comments.

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

12. CLOSING COMMENTS:

Chair Gleason announces that Scott O'Neil will be moved from the PAC to the TAC. Dave Janiec is appointed to the PAC.

13. CLOSED SESSION:

Chair Gleason announces the Board move the meeting to Closed Session at 1:13 p.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 was 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 December 13, 2017, at 10:00 a.m.

15. ADJOURN:

Chairperson Gleason adjourned the meeting at 1:42 p.m.

Respectfully submitted,



Lauren Duffy

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority



Invoice

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

Invoice Number: 2652-03
Invoice Date: 12/8/2017

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

Professional Services through 10/31/2017

Water Resources Management

01 - Prep & Attend Board, PAC and TAC Meetings

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	38.00	\$230.00	\$8,740.00
Supervisor I	8.00	\$200.00	\$1,600.00
Senior II	8.50	\$145.00	\$1,232.50
Associate I	24.50	\$115.00	\$2,817.50
Associate III	0.25	\$105.00	\$26.25
<i>Professional Services Subtotal:</i>			<u>\$14,416.25</u>
Reimbursables			<u>Charge</u>
Lodging			\$307.25
Meals			\$46.28
Mileage			\$329.56
Telephone - Conference Call			\$21.40
Telephone			\$6.87
Personal Aircraft Mileage			\$192.50
<i>Reimbursables Subtotal:</i>			<u>\$903.86</u>
<i>Prep & Attend Board, PAC and TAC Meetings Subtotal:</i>			<u>\$15,320.11</u>

02 - Preparation of Prop 1 Application Grant Funding

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	8.00	\$230.00	\$1,840.00
Supervisor I	7.50	\$200.00	\$1,500.00
Senior II	28.50	\$145.00	\$4,132.50
Associate I	46.00	\$115.00	\$5,290.00
Assistant II	13.50	\$90.00	\$1,215.00
Technical Illustrator	2.00	\$85.00	\$170.00
Aide II	3.50	\$60.00	\$210.00
<i>Professional Services Subtotal:</i>			<u>\$14,357.50</u>
<i>Preparation of Prop 1 Application Grant Funding Subtotal:</i>			<u>\$14,357.50</u>

03 - Review of Basin Groundwater Model

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	6.00	\$230.00	\$1,380.00
Supervisor II	33.00	\$185.00	\$6,105.00
Senior II	5.00	\$145.00	\$725.00
Associate I	11.00	\$115.00	\$1,265.00
GIS Manager	3.00	\$115.00	\$345.00



03 - Review of Basin Groundwater Model

	<i>Professional Services Subtotal:</i>	<u>\$9,820.00</u>
Reimbursables		<u>Charge</u>
Commercial Travel		\$232.96
Lodging		\$241.57
Mileage		\$8.56
Toll		\$5.00
	<i>Reimbursables Subtotal:</i>	<u>\$488.09</u>
	<i>Review of Basin Groundwater Model Subtotal:</i>	<u>\$10,308.09</u>

04 - Database Collection of Data & Devt of Comprehensive Database

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	12.50	\$230.00	\$2,875.00
Supervisor I	7.50	\$200.00	\$1,500.00
Senior II	53.00	\$145.00	\$7,685.00
Associate I	62.75	\$115.00	\$7,216.25
GIS Manager	7.00	\$115.00	\$805.00
Associate III	5.00	\$105.00	\$525.00
Assistant II	16.50	\$90.00	\$1,485.00
Technical Illustrator	11.50	\$85.00	\$977.50
Aide II	2.25	\$60.00	\$135.00
		<i>Professional Services Subtotal:</i>	<u>\$23,203.75</u>
Reimbursables			<u>Charge</u>
Car Rental			\$44.65
Data			\$154.97
Lodging			\$134.70
Personal Aircraft Mileage			\$192.50
		<i>Reimbursables Subtotal:</i>	<u>\$526.82</u>
		<i>Database Collection of Data & Devt of Comprehensive Database Subtotal:</i>	<u>\$23,730.57</u>

04A - CASGEM

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	5.00	\$200.00	\$1,000.00
Senior II	1.50	\$145.00	\$217.50
		<i>Professional Services Subtotal:</i>	<u>\$1,217.50</u>
		<i>CASGEM Subtotal:</i>	<u>\$1,217.50</u>

05 - Project Management Costs & Schedule

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Senior II	0.50	\$145.00	\$72.50
Associate I	8.00	\$115.00	\$920.00
Associate III	3.00	\$105.00	\$315.00
		<i>Professional Services Subtotal:</i>	<u>\$1,307.50</u>
		<i>Project Management Costs & Schedule Subtotal:</i>	<u>\$1,307.50</u>
		<i>Water Resources Management Subtotal:</i>	<u>\$66,241.27</u>

***** Invoice Total ***** **\$66,241.27**

TASK 01

Over 100,000 hotels worldwide

<https://www.facebook.com/guestreservations> <https://twitter.com/guestres> <https://www.instagram.com/beautifuleventsonly>

**HAMPTON INN AND SUITES
RIDGECREST (/HAMPTON-INN-AND-
SUITES-RIDGECREST/BOOKING)**
104 East Sydnor Avenue, Ridgecrest, CA, 93555

Reservations:
☎
855-214-4563
(tel:8552144563)

THANK YOU

Here is your reservation information:
Itinerary Number: **R892556249**

Hampton

YOUR BOOKING SUMMARY

Currency: USD

Check-in :	Thursday, October 12, 2017
Check out :	Friday, October 13, 2017
Rooms :	1
Room 1 guests:	2 Adults
Nightly Rates:	Room 1: \$149.00 - Oct 12, 2017
Extra person fees :	\$0.00
Tax Recovery Charges and Service Fees :	\$51.38

TOTAL CHARGES
\$ 200.38

You will be charged: \$200.38 (including taxes and fees).

Each room in this reservation is subject to the hotel's cancellation policy which is: Cancellations before 10/09/2017, 11:59 PM (America/Los Angeles) are fully refundable. Bookings cancelled after 10/09/2017, 11:59 PM (America/Los Angeles) are subject to a fee of 1 night's room and tax. There is no refund for no-shows, early checkouts, or cancellations after 10/12/2017, 10:00 AM (America/Los Angeles).

Hotel's cancellation policy for this room

Each room in this reservation is subject to the hotel's cancellation policy which is: Cancellations before 10/09/2017, 11:59 PM (America/Los Angeles) are fully refundable. Bookings cancelled after 10/09/2017, 11:59 PM (America/Los Angeles) are subject to a fee of 1 night's room and tax. There is no refund for no-shows, early checkouts, or cancellations after 10/12/2017, 10:00 AM (America/Los Angeles).

BACK TO HOME (/HAMPTON-INN-AND-SUITES-RIDGECREST/BOOKING)

Conference date 10/27/2017 08:59:48

Duration 00:38

Meeting # 209164783

Room # 9678202

Contact: Maggullu Lori

TASK 01

TLM Account Code
2652

Line	Participant	Phone Number	Item	Start time	Time zone	Quantity	Amount
1	9168335800	9168335800	Meeting Center Toll Free	10/27/2017 08:59:10	US-CO	38.00 mn	3.80
2	9097231713	9097231713	Meeting Center Toll Free	10/27/2017 08:59:39	US-CO	37.00 mn	3.70

Line	Participant	Phone Number	Item	Start time	Time zone	Quantity	Amount
3	5305035877	5305035877	Meeting Center Toll Free	10/27/2017 09:00:35	US-CO	36.00 mn	3.60
4	AUDIO_CHAIR	8269676205	Meeting Center Toll Free	10/27/2017 09:01:51	US-CO	35.00 mn	3.50
5	7603755086	7603755086	Meeting Center Toll Free	10/27/2017 09:02:09	US-CO	35.00 mn	3.50
6	9168582727	9168582727	Meeting Center Toll Free	10/27/2017 09:03:38	US-CO	33.00 mn	3.30
Total Cost							21.40

Conference date 11/1/2017 09:55:24

TASK 03

SPRINGHILL SUITES®

MARRIOTT

SPRINGHILL SUITES BY MARRIOTT® / RIDGECREST
113 East Sydnor Avenue, Ridgecrest, Ca 93555 P 760.446.1830
springhillsuites.com

J. Moran

Room: 209

Room Type: QQST

Number of Guests: 1

Rate: \$119.00 Clerk:

Arrive: 12Oct17

Time: 09:21PM

Depart: 13Oct17

Time:

Folio Number: 15684

DATE	DESCRIPTION	CHARGES	CREDITS
12Oct17	Room Charge	119.00	
12Oct17	City Tax	11.90	
12Oct17	Calif/Local Tourism Fee	0.23	
12Oct17	Convention and Tourism Tax	3.57	
13Oct17	Visa		134.70

Card #: VXXXXXXXXXXXX4915XXXX
Amount: 134.70 Auth: 012103 Signature on File
This card was electronically swiped on 12Oct17

BALANCE: 0.00

As a Rewards Member, you could have earned points toward your free dream vacation today. Start earning points and elite status, plus enjoy exclusive member offers. Enroll today at the front desk.

Want your final hotel bill by email? Just ask the Front Desk! See "Internet Privacy Statement" on Marriott.com.

Operated under license from Marriott International, Inc. or one of its affiliates.

To plan your next stay, visit springhillsuites.com

TASK 03



Clarion Inn (CAD82)
901 N. China Lake Blvd
Ridgecrest, CA 93555
(760) 446-7910
GM.CAD82@choicehotels.com

Account: 552341639
Date: 10/12/17
Room: 150
Arrival Date: 10/11/17
Departure Date: 10/12/17
Check In Time: 10/11/17 7:11 PM
Check Out Time: 10/12/17 6:14 AM
Rewards Program ID:
You were checked out by: kyates
You were checked in by: mbarbe
Total Balance Due: 0.00

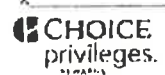
Reich, Stephen
785 Grand Ave
Carlsbad, CA 92008

Post Date	Description	Comment	Amount
10/11/17	Room Charge	#150 Reich, Stephen	94.52
10/11/17	Transient OccupancyTax		9.45
10/11/17	RTID Assessment		2.84
10/11/17	California Tourism Assessment		0.06
10/12/17	Visa Payment	XXXXXXXXXXXX4915	(106.87)

Folio Summary 10/11/17 - 10/12/17

Room Charge	94.52
Transient OccupancyTax	9.45
RTID Assessment	2.84
California Tourism Assessment	0.06
Visa Payment	(106.87)
Balance Due:	0.00

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



You could be earning free nights and other great rewards. Join Choice Privileges today at www.choiceprivileges.com.

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

TASK 03

Past Flight

Oct 9

San Diego, CA to Las Vegas, NV

Confirmation # LOSLRC

PASSENGER	POINTS EARNED	FARE TOTAL
JEAN MORAN RR 74804170	+ 1,142PTS	\$232.96

Price summary

ROUTING	DATE	FARE TYPE	FARE
SAN to LAS	10/09/2017	Wanna Get Away	\$78.87
LAS to SAN	10/09/2017	Wanna Get Away	\$111.42
		Gov't taxes and fees	\$42.67
		Total	\$232.96
		Total points earned	+ 1,142PTS

TASK 04



Rental Agreement Summary
RA#: 99PMBD
Renter: STEPHEN REICH

Dates & Times

Location

Pick up

Thursday, October 12, 2017 7:39 AM
Start Charges:
Thursday, October 12, 2017 7:39 AM
437 NORTH CHINA LAKE BLVD.
RIDGECREST, CA 93555-3629
(760) 384-2816

Return

Friday, October 13, 2017 7:30 AM
437 NORTH CHINA LAKE BLVD.
RIDGECREST, CA 93555-3629
(760) 384-2816

Vehicle

Make / Model: DODG / CHAL
Color: MAROON
Mileage: 9280
Fuel Out: 1/2
License #: BTB0045
Unit #: 7PH7DL

Vehicle Condition:

-PASSENGER FRONT DOOR --DENT

Renter Charges

Charges	Price/Unit	Total
TIME & DISTANCE 10/12/17-10/13/17	\$40.00 / Day	\$40.00
NO CHARGE DISTANCE 10/12/17-10/13/17	\$0.00 / Mile	\$0.00
REFUELING CHARGE	\$4.61 / Gallons	\$0.00

Taxes and Fees

VEHICLE LICENSE RECOVERY FEE	\$1.35 / Day	\$1.35
SALES TAX (8.25%)	8.25%	\$3.30
Total Estimated Charge:		\$44.65

Payments:

VISA *****S178 Auth (\$246.88)

Acknowledgement of Charges

I acknowledge that I have reviewed and agree to all charges and fees listed on Summary of Charges

Electronically signed

PERMISSION GRANTED TO OPERATE VEHICLE ONLY IN THE STATE OF RENTAL AND THE FOLLOWING STATE(S):

OPERATION IN ANY OTHER STATE OR COUNTRY WILL AFFECT YOUR LIABILITY AND RIGHTS UNDER THIS AGREEMENT.

Optional Protection Products Declined

DAMAGE WAIVER	declined	Thursday, October 12, 2017
RAP	declined	Thursday, October 12, 2017
SUPPLEMENTAL LIABILITY PROTECTION 2	declined	Thursday, October 12, 2017
PAI/PEC	declined	Thursday, October 12, 2017

Owner: ENTERPRISE RENT-A-CAR COMPANY OF LOS ANGELES, LLC

Additional Drivers

No Additional Drivers are authorized to drive the vehicle with the exception of the drivers listed below.
(Additional driver names listed here if applicable)

Please keep this Rental Agreement Summary with you in the vehicle during the rental.

Local Addenda

COLLISION DAMAGE WAIVER NOTICE.
YOU ACKNOWLEDGE RECEIPT OF ORAL DISCLOSURE THAT COLLISION DAMAGE WAIVER MAY BE DUPLICATIVE OF COVERAGE MAINTAINED UNDER YOUR OWN POLICY OF MOTOR VEHICLE INSURANCE. THE PURCHASE OF COLLISION DAMAGE WAIVER IS OPTIONAL AND MAY BE DECLINED. ESTIMATED TOTAL EXCLUDES CHARGES THAT CANNOT BE DETERMINED AT THE TIME RENTAL COMMENCES.

ACKNOWLEDGEMENT OF LOCAL ADDENDUM

Electronically signed

TERMS AND CONDITIONS

Click to view Terms and Conditions

FORM# 32CAHC-JK_MY17x1

ACKNOWLEDGEMENT OF THE ENTIRE AGREEMENT

I, THE "RENTER" SIGNING BELOW, HAVE READ AND AGREE TO THE TERMS AND CONDITIONS IN THE RENTAL AGREEMENT JACKET. BY SIGNING BELOW, I AM AUTHORIZING OWNER TO CHARGE TO THE CREDIT CARD(S) AND/OR DEBIT CARD(S) THAT I HAVE PROVIDED TO OWNER ALL AMOUNTS OWED BY ME UNDER THIS AGREEMENT FOR ADVANCE DEPOSITS, INCREMENTAL AUTHORIZATIONS/DEPOSITS, AND ANY OTHER AMOUNTS OWED BY ME, AS WELL AS PAYMENTS REFUSED BY A THIRD PARTY TO WHOM BILLING WAS DIRECTED. I ALSO AUTHORIZE OWNER TO RE-INITIATE ANY CHARGE TO MY CARD(S) THAT IS DISHONORED FOR ANY REASON. I CERTIFY THAT THE DRIVERS LICENSE(S) PRESENTED IS CURRENTLY VALID AND IS NOT SUSPENDED, EXPIRED, REVOKED, CANCELLED OR SURRENDERED. I FURTHER ACKNOWLEDGE AND CONSENT TO THE DISPUTE RESOLUTION PROVISIONS CONTAINED IN THIS AGREEMENT.

Electronically signed

TASK 04

cleverbridge

Miles McCammon
201 Kent Avenue, Apt. 4
Kentfield, CA 94904
United States

INVOICE

Reference number: 121713773
(required for all inquiries)

Invoice date: 10/12/2017

Invoice number: AKD-73658305126

INVOICE INFORMATION

#	Product name	Delivery	Qty.	Price
1	amCharts JavaScript Charts V3 single web site license	electronic	1	\$140.00
			Total:	\$140.00

Unless stated otherwise, the delivery date is identical to the billing date.

PAYMENT DETAILS

Your credit card (xxxxxxxxxxxx6527) has been successfully authorized. Please note that the charge on your credit card will appear as "CBA*AmCharts."

ADDITIONAL INFORMATION

Delivery address:
Stetson Engineers
Miles McCammon
2171 E. Francisco Blvd., Suite K
San Rafael, CA 94901
United States

- 1 -

cleverbridge AG is the merchant of record for this transaction.
Gereonstr. 43-65, 50670, Cologne, Germany

Chairman of Supervisory Board:
Dr. Michael Inhester

Registry court: Local Court of Cologne / HRB 58900
VAT ID: DE244822460
Tax ID: 215/5808/2782

Bank information:
Account holder: cleverbridge AG
Account number: 2071645
Bank identifier code: 37070060
Bank name: Deutsche Bank
IBAN: DE83370700600207164500
BIC (SWIFT): DEUTDE33XXX

Management:
Christian Blume, Reinhard Wille, Martin Trzaskalik,
Craig Vodnik

TASK 04



INVOICE

SSLs.com

4600 East Washington Street Suite 305
Phoenix, Arizona 85034
United States

Website: <https://www.ssIs.com>
Email: support@ssIs.com

Order # 41886699

Status: COMPLETED
Date: 10/05/2017, 11:09
Payment method: Credit Card

Customer:

Miles McCammon
milesm@stetsonengineers.com
Phone: +14154570701

Bill to:

94904, 201 Kent Avenue Apt 4
Kentfield, California
United States

Organization (optional): Stetson Engineers
Role/Title (optional): Hydrogeologist
VAT# (optional): —

You bought 1 item, totaling \$14.⁸⁷

1 × PositiveSSL × 3yrs \$14.⁸⁷

Total **\$14.⁸⁷**

IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members **DATE:** December 13, 2017

FROM: Alan Christensen, IWVGA Staff

SUBJECT: Advanced Funds Agreement No. 03-17 with Indian Wells Valley Water District in an Amount Not to Exceed \$500,000

DISCUSSION

General Members of the Indian Wells Valley Groundwater Authority (“Authority”) each provided an initial contribution of Fifteen Thousand Dollars (15,000.00) to initially fund the Authority. The Authority is now in need of additional capital for preparation, Authority adoption and DWR evaluation and approval of the GSP. The Authority is authorized to impose additional fees on its General Members pursuant to the Authority’s Joint Exercise of Powers Agreement and/or impose any assessments, charges and/or fees authorized by SGMA. In lieu of the Authority imposing any additional charges on its General Members and/or imposing any assessments, charges and/or fees authorized by SGMA, the Indian Wells Valley Water District (“District”) is considering advancing funds to the Authority to continue preparation of the GSP. The attached Advanced Funds Agreement (“Agreement”) would govern any District advanced payments to the Authority. The purpose of this Agreement is to provide the Authority with funding to continue preparation of the GSP while the Authority prepares for and seeks to implement other funding sources.

The Agreement provides that the District will immediately deposit One Hundred Thousand Dollars (\$100,000) with the Authority to establish an “Initial Contribution” pursuant to the Agreement. Any remaining funds will be retained by the District and deposited with the Authority on a monthly basis as the Initial Deposit is used by the Authority. The monthly amount to be deposited by the District shall be the amount needed at that time to bring the funds held by the Authority back to the amount of the Initial Deposit. The Authority shall submit a monthly invoice to District requesting any additional funds needed to bring the funds held by the Authority back to the amount of the Initial Deposit. The invoice shall include copies of all invoices/charges paid by the Authority from the Initial Deposit. District shall remit payment within thirty (30) days receipt of said invoice.

The District shall be entitled to reimbursement and/or a “credit” for any funds advanced and District shall not be required to pay any additional funds to the Authority unless and until all funds paid by the District pursuant to the Agreement have been reimbursed and/or District’s “credit” has been fully exhausted. Additional provisions regarding Accounting, Dispute Resolution and Indemnity are also included.

RECOMMENDATION

Staff recommends that your Board approve the Advanced Funds Agreement in an amount not to exceed \$500,000.

ADVANCED FUNDS AGREEMENT

This Advanced Funds Agreement (the "Agreement") is entered into as of December 13, 2017 ("Effective Date"), between the Indian Wells Valley Water District, a County Water District ("District") and the Indian Wells Valley Groundwater Authority, a Joint Powers Authority created pursuant to the provisions of California Government Code sections 6500 et seq., ("Authority"). District and Authority are sometimes hereinafter individually or collectively called a "Party" or the "Parties".

RECITALS

WHEREAS, the Authority was formed after enactment of the "Sustainable Groundwater Management Act" ("SGMA") for the purpose of becoming the exclusive Groundwater Sustainability Agency and achieving groundwater sustainability through the adoption and implementation of a Groundwater Sustainability Plan ("GSP") for the Indian Wells Valley basin.

WHEREAS, the District is a General Member of the Authority exercising water supply responsibilities and is a significant pumper of groundwater within the Authority's boundary.

WHEREAS, the General Members of the Authority each provided a contribution of Fifteen Thousand Dollars (15,000.00) to initially fund the Authority.

WHEREAS, the Authority is presently in need of additional funds to continue work on the preparation of the GSP while other funding streams are developed in accordance with legal mandates.

WHEREAS, the Authority may impose additional assessments on its General Members and/or is authorized to levy assessments, charges and fees as provided in SGMA, including permit fees and groundwater extraction fees pursuant to California Water Code section 10730 to fund the costs, including preparation and adoption, of a GSP.

WHEREAS, District agrees to advance funds to the Authority in lieu of the Authority imposing any additional assessments on its General Members pursuant to the Authority's Joint Exercise of Powers Agreement and/or any assessments, charges and/or fees authorized by SGMA.

NOW THEREFORE, in consideration of the foregoing Recitals, which are incorporated herein by this reference, and of the covenants and agreements herein contained, the Parties hereto agree as follows:

1. Purpose. The purpose of this Agreement is to provide the Authority with funding capital to continue preparation of the GSP while the Authority prepares for and seeks to implement other funding sources.

2. Payment. District agrees to advance to the Authority up to Five Hundred Thousand Dollars (\$500,000.00) to fund preparation, Authority adoption and DWR evaluation and approval of the GSP. District agrees to immediately deposit with the Authority the sum of One Hundred Thousand Dollars (\$100,000) (“Initial Deposit”). The remaining funds will be retained by the District and deposited with the Authority on a monthly basis as the Initial Deposit is used by the Authority. The monthly amount to be deposited by the District shall be the amount needed at that time to bring the funds held by the Authority back to the amount of the Initial Deposit. The Authority shall submit a monthly invoice to District requesting any additional funds needed to bring the funds held by the Authority back to the amount of the Initial Deposit. The invoice shall include copies of all invoices/charges paid by the Authority from the Initial Deposit. District shall remit payment within thirty (30) days receipt of said invoice.

3. Reimbursement and/or Credit. The Authority hereby agrees that all monies paid by the District pursuant to this Agreement shall be subject to the following:

- (a) All money paid by the District pursuant to this Agreement shall have a first priority to reimbursement from other Authority funding sources, including Proposition 1 Grant funds, to the extent permitted by law.
- (b) The District shall receive credit for any money not reimbursed to the District pursuant to Section 3(a) herein, which shall be deducted from any future assessments, charges and/or fees imposed by the Authority to fund the costs of the GSP and/or the costs of groundwater management pursuant to SGMA and/or the GSP.
- (c) The Parties reserve the right to mutually agree upon different terms subject to the written approval of the Parties

4. Further District Payments. The Authority hereby agrees that District shall not be required to pay any additional funds to the Authority unless and until all funds paid by the District pursuant to this Agreement have been reimbursed pursuant to Section 3(a) herein and/or District’s “credit” pursuant to Section 3(b) herein has been fully exhausted.

5. Accounting. The Parties agree to each maintain separate and distinct accounting of any funds advanced by District pursuant to this Agreement. The Parties shall meet and confer on a monthly basis to compare and reconcile any discrepancies the Parties may have with respect to the accounting of District funds advanced pursuant to this Agreement.

6. Dispute Resolution. In the event there are disputes and/or controversies relating to the interpretation, construction, performance, termination or breach of this Agreement, the Parties shall in good faith meet and confer in an attempt to informally resolve such matter(s). If the Parties are unsuccessful in resolving such matter(s) through an informal meeting process, they may attempt to resolve such matter(s) through mediation, through arbitration under the rules and regulations of the American Arbitration Association or they may exercise whatever other legal rights and remedies they may have.

7. Indemnity. The Authority hereby agrees and undertakes to indemnify, defend and hold harmless District, its officers, agents, and employees from any and all losses, costs, expenses (including reasonable attorneys' fees), claims, liabilities, actions or damages of any nature whatsoever, in any way arising out of or connected with or incident to or alleged to have arisen in any manner out of District's performance of this Agreement or to have occurred as a result of any acts or omissions by District, its officers, agents, and employees in the performance of this Agreement. Nothing herein shall alleviate the District from its obligations as a member of the Authority.

8. Termination. Either Party retains the right to terminate this Agreement, at its sole discretion, upon thirty (30) days written notice. Upon such termination, the Parties agree that any District funds advanced pursuant to this Agreement and/or further District payments shall be subject to the terms and provisions of this Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first above written.

**INDIAN WELLS VALLEY
WATER DISTRICT**

**INDIAN WELLS VALLEY
GROUNDWATER AUTHORITY**

By: _____
Peter Brown, President
Board of Directors

By: _____
Mick Gleason, Chairman
Board of Directors

IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members **DATE:** December 13, 2017

FROM: Alan Christensen, IWVGA Staff

SUBJECT: Approve 6-Month Operating Budget for FY 2018

DISCUSSION

This item is to request the Board approve the operating budget for the Indian Wells Valley Groundwater Authority (IWVGA) for Fiscal Year 2018.

By way of background, because the IWVGA is a relatively new public agency and has limited resources, much of the work of the IWVGA is in the form of in-kind services provided by the member agencies. As a result out of pocket expenses are held to an absolute minimum. That model has been in place for over a year. However, on August 17, 2017, the IWVGA hired Steve Johnson from Stetson Engineers as the Water Resources Manager. Since then Stetson's bills for services are the primary expenditures of the IWVGA. Obviously these are cash expenditures, so staff has used existing cash in the IWVGA account to pay those bills.

Staff took the following assumptions in developing the FY 2018 Operating Budget:

1. Minimize cash expenditures except those associated with the Groundwater Sustainability Plan.
2. Management and legal services to be provided by staff members from the member agencies.
3. Budget appropriation of 6 months to give time for grant funding certainty.
4. Budget appropriation of entire year once grant funding is awarded and agreement executed,
5. Short-term cash flow needs met by an Advance Funds Agreement with the IWV Water District.

Approval and adoption of the budget is an action that usually occurs annually. The budget before you only authorizes expenditures for the first six months of 2018. Once grant funding from the Department of Water Resources (DWR) is certain, then staff plans to return to the Board to request an amended budget that includes an expenditure plan for the entirety of 2018.

In addition, this budget is a combination of line item categories and project objectives. A traditional line-item budget is not practical given that so much in-kind work is provided by member agencies. We have incorporated all of Stetson's 6-month budget by project line item into the IWVGA budget, and we have added three traditional line items for expenditures that may come up in 2018. We expect to expend funds for legal services from the IWVGA's outside legal counsel, James Markman, so we budgeted \$5,000. We also included line item budgets for office expenses of \$500 and specialized services of \$5,000 in case a need arises.

Revenue

Three primary revenue sources will fund the IWVGA for the 1st six months: 1) An advance from the Indian Wells Valley Water District (\$500,000), 2) Cash in the bank from agency donations (\$50,000), and 3) Proposition 1 grant funding revenue (\$267,790). Total estimated revenue is \$743,682. For your information, cash in the IWVGA Fund is near at zero because we have paid invoices from Stetson Engineering. We are waiting for our first draw from DWR for the Stressed Counties Grant for some of Stetson's reimbursable expenditures incurred to-date. The process to be reimbursed by DWR has been extremely slow.

Expenditures

The budget before you is primarily comprised of expenditures that will come from Stetson Engineers and related to their efforts to complete a Groundwater Sustainability Plan by the State-imposed deadline of January 31, 2020. Stetson provided staff with a six month "bridge" budget for the first six months of 2018, which is attached. Those figures correspond to the grant application to DWR that Stetson prepared. Stetson also provided an annual budget for 2018, which is also attached. It is our expectation that if Proposition 1 grant funds are awarded on time and in the amounts we expect, that staff would return to the Board with an amended annual budget very similar to Stetson's annual budget provided to you today.

Stetson Engineering submitted a 6-month budget in the amount of \$733,182. When including the other small line items, the total recommended budget is \$743,682.

RECOMMENDATION

Staff recommends that the Board approve a 6-month budget appropriation in an amount not to exceed \$743,682.

IWVGA Budget by Objectives

ESTIMATED REVENUE	FY 2018 PROPOSED
Membership Dues	\$0
Fund Balance Carryover	\$50,000
Indian Wells Valley Water District Advance	\$425,892
Proposition 1 Grant	\$267,790
Miscellaneous	\$0
TOTALS	\$743,682

EXPENDITURES	FY 2018 PROPOSED
Office Expenses	\$500
Legal Services	\$5,000
Specialized Services	\$5,000
Authority Meetings/Committee Meetings	\$57,000
Stakeholder/DWR Coordination	\$13,602
Data Management Systems Development	\$15,379
Data Compilation and Analysis	\$86,192
GSP Preparations by Section/Chapters	
<i>Introduction</i>	\$600
<i>Hydrologic Model</i>	\$31,400
<i>Numerical Groundwater Model</i>	\$58,000
<i>Identify and Evaluate Hydrogeologic Data Gaps</i>	\$66,700
<i>Monitoring Wells</i>	\$31,395
<i>Stream Gages</i>	\$49,033
<i>Weather Stations</i>	\$22,900
<i>Water Quality and Stable Isotope Sampling & Analysis</i>	\$20,375
<i>Aquifer Tests</i>	\$36,100
<i>Imported Water Study</i>	\$125,000
<i>Recycled Water Study</i>	\$61,000
Project Management	\$19,302
Severely Disadvantaged Communities (SDAC)	
<i>Water Conservation</i>	\$17,202
<i>Water Audit, Leak Detection, & Leak Repair Program</i>	\$22,002
TOTALS	\$743,682

Indian Wells Valley Groundwater Authority: Draft Budget 1st 6 Months 2018

GSP and SDAC Tasks /1	1st 6 Months, 2018 /2						6 Month Total /2
	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
1 Category 2: GSP Development							
2 Task 1.0 Consult with Authority and Committees to Develop GSP	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$57,000
3 Stakeholder/DWR Coordination	\$2,267	\$2,267	\$2,267	\$2,267	\$2,267	\$2,267	\$13,602
4 Task 2.1 Data Management System Development	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$15,379
5 Task 2.2 Data Compilation and Analysis			\$21,548	\$21,548	\$21,548	\$21,548	\$86,192
6 Task 3.2 Prepare GSP Sections and for Advisory Reviews							
7 GSP Report Preparation: Prepare Introduction Chapter						\$600	\$600
8 GSP Report Preparation: Prepare Plan Area and Basin Setting Chapter							
9 Prepare Hydrogeologic Conceptual Model	\$6,280	\$6,280	\$6,280	\$6,280	\$6,280		\$31,400
10 Numerical Groundwater Model	\$14,500	\$14,500	\$14,500	\$14,500			\$58,000
11 GSP Report Preparation: Prepare Sustainable Management Criteria Chapter							
12 Identify and Evaluate Hydrogeologic Data Gaps	\$21,200	\$21,200	\$12,150	\$12,150			\$66,700
13 Monitoring Wells			\$11,574	\$11,574	\$4,124	\$4,124	\$31,395
14 Stream Gages				\$21,300	\$13,867	\$13,867	\$49,033
15 Weather Stations				\$7,633	\$7,633	\$7,633	\$22,900
16 Water Quality and Stable Isotope Sampling and Analysis						\$20,375	\$20,375
17 Aquifer Tests					\$18,050	\$18,050	\$36,100
18 GSP Report Preparation: Prepare Projects and Management Actions to Achieve Sustainability Goal Chapter							
19 Imported Water Study	\$20,000	\$20,000	\$20,000	\$20,000	\$32,500	\$12,500	\$125,000
20 Recycled Water Study	\$6,600	\$9,400	\$10,000	\$10,000	\$25,000		\$61,000
21 Task 6.0 Project Management	\$4,467	\$2,967	\$2,967	\$2,967	\$2,967	\$2,967	\$19,302
22 Category 2: Subtotal	\$87,377	\$88,677	\$113,349	\$142,282	\$146,299	\$115,994	\$693,978
23 Category 1: SDAC Projects							
24 Task 1: SDAC Water Conservation and Rebate Program	\$2,867	\$2,867	\$2,867	\$2,867	\$2,867	\$2,867	\$17,202
25 Task 2: SDAC Water Audit, Leak Detection, and Leak Repair Program	\$3,667	\$3,667	\$3,667	\$3,667	\$3,667	\$3,667	\$22,002
26 Category 1: Subtotal	\$6,534	\$6,534	\$6,534	\$6,534	\$6,534	\$6,534	\$39,204
GRAND TOTAL	\$93,911	\$95,211	\$119,883	\$148,816	\$152,833	\$122,528	\$733,182

/1 Not all tasks will end with deliverable after 6 months.

/2 Budget amount does not include Prop 1 reimbursement. Majority of task budgets are distributed evenly throughout duration of tasks. Actual billings may vary month to month.

Indian Wells Valley Groundwater Authority: Draft Calendar Year 2018 Budget

GSP and SDAC Tasks	2018 /1												2018 Total /1
	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	
Category 2: GSP Development													
1.0 Consult with Authority and Committees to Develop GSP	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$114,000
2.0 Manage and Analyze Hydrologic Data as Required by SGMA	\$2,267	\$2,267	\$2,267	\$2,267	\$2,267	\$2,267	\$2,600	\$2,600	\$2,600	\$2,600	\$2,600	\$2,600	\$29,202
2.1 Data Management System Development													
2.1.1 Develop a Web-Based GeoDatabase (DMS)	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$2,563	\$30,758
2.2 Data Compilation and Analysis													
2.2.1 Develop Monitoring Protocols for the GSP			\$7,725	\$7,725	\$7,725	\$7,725							\$30,900
2.2.2 Populate Data with Historical Data							\$7,743	\$7,743	\$7,743	\$7,743	\$7,743	\$7,743	\$46,457
2.2.3 Install Transducers and Telemetry Equipment			\$13,823	\$13,823	\$13,823	\$13,823	\$13,823	\$13,823	\$13,823	\$13,823	\$13,823	\$13,823	\$138,231
3.0 Prepare, Finalize, and File GSP for IWVGA by January 31, 2020													
3.2 Prepare GSP Sections and for Advisory Reviews													
3.2.1 GSP Report Preparation: Prepare Introduction Chapter						\$600	\$600						\$1,200
3.2.2 GSP Report Preparation: Prepare Plan Area and Basin Setting Chapter													
3.2.2.1 Prepare Hydrogeologic Conceptual Model	\$6,280	\$6,280	\$6,280	\$6,280	\$6,280								\$31,400
3.2.2.2 Numerical Groundwater Model													
3.2.2.2.1 Basin Model Updates/Analysis for the GSP/ Review Initial Model Baseline	\$14,500	\$14,500	\$14,500	\$14,500									\$58,000
3.2.2.2.2 Prepare Plan Area and Basin Setting Chapter							\$2,025	\$2,025	\$2,025	\$2,025	\$2,025	\$2,025	\$12,150
3.2.2.3 GSP Report Preparation: Prepare Sustainable Management Criteria Chapter													
3.2.2.3.1 Identify and Evaluate Hydrogeologic Data Gaps	\$21,200	\$21,200											\$42,400
3.2.2.3.2 Review Existing Model and Monitoring Network													
3.2.2.3.3 Identification and Prioritization of Data Gaps			\$12,150	\$12,150									\$24,300
Monitoring Wells													
2.1.1.1 Design and Location Siting			\$7,450	\$7,450									\$14,900
2.1.1.2 Work Plan and Well Construction			\$4,124	\$4,124	\$4,124	\$4,124	\$4,124	\$4,124	\$4,124	\$4,124	\$4,124	\$4,124	\$41,236
2.1.1.3 Collection of Monitoring Well Data							\$4,692	\$4,692	\$4,692	\$4,692	\$4,692	\$4,692	\$28,150
Stream Gages													
2.1.1.4 Hydrologic Analysis				\$21,300									\$21,300
2.1.1.5 Design and Location Siting					\$13,867	\$13,867	\$13,867						\$41,600
2.1.1.6 Equipment Purchase, Installation, and Testing								\$28,533	\$28,533	\$28,533			\$85,600
Weather Stations													
2.1.1.7 Design and Location Siting				\$7,633	\$7,633	\$7,633							\$22,900
2.1.1.8 Equipment Purchase							\$18,050	\$18,050					\$36,100
2.1.1.9 Installation and Testing									\$25,200				\$25,200
Water Quality and Stable Isotope Sampling and Analysis													
2.1.1.10 Surface and Groundwater Sampling						\$20,375	\$20,375	\$20,375	\$20,375				\$81,500
2.1.1.11 Perform Geochemical Reaction and Transport Analysis										\$3,886	\$3,886	\$3,886	\$11,657
Aquifer Tests													
2.1.1.12 Prepare Aquifer Test Work Plan					\$18,050	\$18,050							\$36,100
2.1.1.13 Perform Aquifer Testing							\$136,200						\$136,200
3.2.2.3.4 GSP Report Preparation: Prepare Projects and Management Actions to Achieve Sustainability Goal Chapter													
Imported Water Study													
2.1.1.14 Evaluate Potential Imported Water Sources													
2.1.1.15 Evaluate Potential Imported Water Supply Sources	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000								\$75,000
2.1.1.16 Evaluate Water Banking Alternatives and Extraction Schedule	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000								\$25,000
2.1.1.17 Evaluate Infrastructure Requirements					\$12,500	\$12,500							\$25,000
2.1.1.18 Prepare Technical Memorandum							\$12,500	\$12,500	\$12,500	\$12,500			\$50,000
Recycled Water Study													
2.1.1.19 Existing Supply and Demand Analysis	\$6,600												\$6,600
2.1.1.20 Identify Existing Recycled Water Infrastructure and Users		\$6,000											\$6,000
2.1.1.21 Review Regulatory and Institutional Requirements		\$3,400											\$3,400
2.1.1.22 Identify and Evaluate Potential Recycled Water Users			\$10,000	\$10,000									\$20,000
2.1.1.23 Prepare Technical Memorandum					\$25,000								\$25,000
2.1.1.24 Perform Sustainable Modeling Evaluation of Management Actions									\$15,600	\$15,600	\$15,600	\$15,600	\$62,400
6.0 Project Management	\$4,467	\$2,967	\$2,967	\$2,967	\$2,967	\$2,967	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$37,302
Category 2: Subtotal	\$87,377	\$88,677	\$113,349	\$142,282	\$146,299	\$115,994	\$251,661	\$129,528	\$152,278	\$110,588	\$69,555	\$69,555	\$1,477,143
Category 1: SDAC Projects													
Task 1: SDAC Water Conservation and Rebate Program													
1.1 Administration and Project Management	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$489	\$489	\$489	\$489	\$489	\$489	\$16,134
1.2 Marketing							\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$7,500
1.3 Rebate Tracking and Reporting							\$1,333	\$1,333	\$1,333	\$1,333	\$1,333	\$1,333	\$7,998
1.4 Rebate Processing							\$6,278	\$6,278	\$6,278	\$6,278	\$6,278	\$6,278	\$37,668
1.5 Monitoring Plan							\$1,333	\$1,333	\$1,333	\$1,333	\$1,333	\$1,333	\$7,998
1.6 Billing and Reporting	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$8,004
Task 2: SDAC Water Audit, Leak Detection, and Leak Repair Program													
2.1 Administration and Project Management	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$667	\$667	\$667	\$667	\$667	\$667	\$22,002
2.2 Phase 1: Water Audit							\$3,333	\$3,333	\$3,333				\$9,999
2.3 Phase 2: Leak Detection and Repair Program									\$24,000	\$24,000	\$24,000	\$24,000	\$96,000
2.4 Billing and Reporting	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$667	\$8,004
Category 1: Subtotal	\$6,534	\$6,534	\$6,534	\$6,534	\$6,534	\$6,534	\$16,017	\$16,017	\$40,017	\$36,684	\$36,684	\$36,684	\$221,307
TOTAL	\$93,911	\$95,211	\$119,883	\$148,816	\$152,833	\$122,528	\$267,678	\$145,545	\$192,295	\$147,272	\$106,239	\$106,239	\$1,698,450

Budget amount does not include Prop 1 reimbursement. Majority of task budgets are distributed evenly throughout duration of tasks. Actual billings may vary month to month.