

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, November 19, 2020

Closed Session 10:00 a.m.

Open Session 11:00 a.m.

NOTICE: *In accordance with the evolving public health declarations, we are temporarily limiting public attendance to virtual alternatives only. Please see the Public Comment Notice below for detailed instructions on submitting public comment as well as websites for livestream broadcasting. Telephonic participation by the majority of Board Members and staff is expected.*

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 April Keigwin 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.

Due to the length of the agenda, one or more recesses should be expected.

1. CALL TO ORDER

2. PUBLIC COMMENT ON CLOSED SESSION

3. CLOSED SESSION

- PUBLIC EMPLOYEE APPOINTMENT –
(Government Code Section 54957(b)(1)) - Title: General Manager
- CONFERENCE WITH REAL PROPERTY NEGOTIATORS –
(Government Code Section 54956.8) - Capital Core Presentation on State Water Project Importation Purchase Options
- CONFERENCE WITH LEGAL COUNSEL – INITIATION OF LITIGATION
(Government Code Section 54956.9(c) - Number of cases: (3)

- CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
(Government Code Section 54956.9(d)(1) - Name of case: Searles Valley Minerals Inc v. Indian Wells Valley Groundwater Authority, et. al.

- CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION
(Government Code Section 54956.9(d)(1) - Name of case: Mojave Pistachios, LLC, a California limited liability company, et.al. v. Indian Wells Valley Groundwater Authority, a California Joint Powers Authority, et. al.

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 Special Board Meeting October 2, 2020
- b. Approve Minutes of Board Meeting October 15, 2020
- c. Approve Minutes of Special Board Meeting October 29, 2020
- d. Approve Expenditures
 - i. \$21,195.00 – RWG Law
 - ii. \$117,924.36 – Stetson Engineers (September and October Invoices)
 - iii. \$1,900.00 – Brown Armstrong
 - iv. \$9,887.50 – Capitol Core Group (Reimbursement to IWVWD)
 - v. \$29,610.49 – California Rural Water Association (September and October Invoices)
 - vi. \$5,970.00 – WaterWise Consulting

7. METER COMPLIANCE UPDATE AND STAFF RECOMMENDATION ON CHANGES TO THE POLICY AND AMENDMENT OF ORDINANCE 01-20 WITH FIRST READ OF ORDINANCE 04-20

8. BOARD CONSIDERATION AND APPROVAL OF FUNDING AGREEMENT BETWEEN INDIAN WELLS VALLEY GROUNDWATER AUTHORITY AND INDIAN WELLS VALLEY WATER DISTRICT FOR BRACKISH WATER STUDY

9. BOARD CONSIDERATION OF AMENDING ORDINANCE NO. 02-18 “ESTABLISHING GROUNDWATER EXTRACTION FEES AND THE RULES, REGULATIONS AND PROCEDURES FOR THEIR IMPOSITION” AND AUTHORIZE STAFF TO SET THE PUBLIC HEARING FOR DECEMBER 17, 2020

10. BOARD CONSIDERATION AND APPROVAL OF OPTION AGREEMENT FOR THE PURCHASE OF RECYCLED WATER FROM CITY OF RIDGECREST

11. BOARD CONSIDERATION AND APPROVAL OF RESOLUTION 08-20 – ESTABLISHING A RECYCLED WATER PROGRAM

12. BOARD CONSIDERATION AND DISCUSSION OF A POTENTIAL FOLLOWING VALUATION AND POTENTIAL TRANSFER MARKET IN THE TRANSIENT POOL

13. BOARD CONSIDERATION AND APPROVAL OF RESOLUTION 09-20 – SUBMITTING AN APPLICATION FOR NEW PROP 68 GRANT FUNDING

14. BOARD DISCUSSION ON VISION PLAN FOR 2035

15. WATER RESOURCES MANAGER REPORT

- a. Report on Proposition 1 Grant Status
- b. Proposition 68 Grant Status Update
- c. TDS Sampling and Testing Results
- d. Isotopes Sampling and Testing Results
- e. TSS Agreement

16. GENERAL MANAGER’S REPORT

- a. Monthly Financial Report
- b. Report on IWVGA’s Water Marketer (Capitol Core Group)
- c. Severely Disadvantaged Communities (SDAC) Programs Update
- d. Delinquent Accounts
- e. Well Registration Update

17. CLOSING COMMENTS

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

18. DATE OF NEXT MEETING – December 17, 2020

19. ADJOURN

PUBLIC COMMENT NOTICE

On March 17, 2020, Governor Newsom issued Executive Order N-29-20, relating to the convening of public meetings in light of the COVID-19 pandemic. At this time, the Indian Wells Valley Groundwater Authority is continuing to hold board meetings in order to conduct essential business. However, as suggested by the Center for Disease Control and set forth in the Executive Order, we are temporarily limiting public attendance through the following virtual alternatives:

- **Watch meetings on-line:**
All of our meetings are streamed live at <https://ridgecrest-ca.gov/369/Watch> (4 second streaming delay) or on YouTube at <https://www.youtube.com/cityofridgecrest/live> (22 second streaming delay) and are also available for playback after the meeting.
- **Call in for public comments:**
If you wish to make verbal comment, *please call (760) 499-5010*. This phone line will allow only one caller at a time, so if the line is busy, please continue to dial. We will be allowing a 20-30 second pause between callers to give time for media delays and callers to dial in. Due to media delays, please mute your streaming device while making public comment. If you wish to comment on multiple items, you will need to call in as each item is presented.
*Please Note – This process will be a learning curve for all, *please be patient*.
- **Submit written comments:**

We encourage submittal of written comments supporting, opposing, or otherwise commenting on an agenda item, for distribution to the Board prior to the meeting. Send emails to apriln@iwvwd.com written correspondence may be sent to April Keigwin, Clerk of the Board, 500 W. Ridgecrest Blvd., Ridgecrest, CA 93555. Please specify to which agenda item your comment relates.

- **Large Groups:**

If you are part of a large group that would like to comment on an agenda item, please consider commenting in writing. This will be as impactful to the Board as having a large group in attendance.

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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 SPECIAL MEETING MINUTES

Friday, October 2, 2020; 11:00 a.m.

IWVGA Members Present:

Chairman, Mick Gleason, Kern County	John Vallejo, Inyo County
Vice Chair Scott Hayman, City of Ridgecrest	Phillip Hall, Legal Counsel
Ron Kicinski, IWVWD	Don Zdeba, IWVGA General Manager
Bob Page, San Bernardino County	Steve Johnson, IWVGA Water Resources Manager

Attending via Teleconference is Bob Page, John Vallejo, and Steve Johnson.

1. CALL TO ORDER:

The meeting is called to order by Chairman Gleason at 11:00 a.m.

- a. The Pledge of Allegiance is led by Scott Hayman.
- b. Don Zdeba calls the following roll call:

Director Vallejo	Present
Vice Chair Hayman	Present
Director Kicinski	Present
Director Page	<i>Absent</i>
Chairman Gleason	Present

2. PUBLIC COMMENTS ON CLOSED SESSION:

The Board hears public comment from Mike Neel.

Bob Page joins meeting.

Chairman Gleason calls the meeting into Closed Session at 11:04 a.m.

3. CLOSED SESSION:

- CONFERENCE WITH LEGAL COUNSEL – POTENTIAL LITIGATION (Government Code Section 54956.9(d)(4) Number of cases: (1) – Board of Directors on the advice of legal counsel is meeting to discuss potential litigation filings; the facts and circumstances of which are not yet known to the potential plaintiff or plaintiffs and which need not be disclosed.
- CONFERENCE WITH LEGAL COUNSEL – PUBLICALLY THREATENED LITIGATION (Government Code Section 54956.9(d)(2)(e)(3) Number of cases: (1) – Board of Directors on the advice of legal counsel is meeting to discuss a Notice of Intention to file CEQA suit received from Mojave Pistachio but no complaint has been provided.

- **CONFERENCE WITH LEGAL COUNSEL – PUBLICALLY THREATENED LITIGATION** (Government Code Section 54956.9(d)(2)(e)(3) Number of cases: (1) – Board of Directors on the advice of legal counsel is meeting to discuss public statements made by Searles Valley Minerals that it intends to file suit but no complaint has been provided.

Chairman Gleason adjourns Closed Session at 12:51 p.m.

4. REPORT ON CLOSED SESSION:

The meeting reconvenes into Open Session at 12:53 p.m.

Counsel Hall reports no action was taken that would require disclosure under the Brown Act.

5. ADJOURN:

Chairman Gleason adjourns the meeting at 12:54 p.m.

Respectfully submitted,

April Keigwin
Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

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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 MEETING MINUTES Thursday, October 15, 2020; 10:00 a.m.

IWVGA Members Present:

Chairman Mick Gleason, Kern County	Don Zdeba, IWVGA General Manager
John Vallejo, Inyo County	Phillip Hall, Legal Counsel
Ron Kicinski, IWVWD	Steve Johnson, Stetson Engineers
Scott Hayman, City of Ridgecrest	Commander Peter Benson, US Navy, DoD Liaison
Thomas Bickauskas, Bureau of Land Management	April Keigwin, Clerk of the Board
Bob Page, San Bernardino County	

Attending via teleconference is Bob Page, John Vallejo, Commander Peter Benson, and Thomas Bickauskas.

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 Gleason at 10:00 a.m.

2. PUBLIC COMMENT ON CLOSED SESSION:

None.

Chairman Gleason calls the meeting into Closed Session at 10:02 a.m.

3. CLOSED SESSION:

- CONFERENCE WITH LEGAL COUNSEL – POTENTIAL LITIGATION (Government Code Section 54956.9(d)(4) Number of cases: (1) – Board of Directors on the advice of legal counsel is meeting to discuss potential litigation filings; the facts and circumstances of which are not yet known to the potential defendant(s) and which need not be disclosed.
- CONFERENCE WITH LEGAL COUNSEL – PUBLICALLY THREATENED LITIGATION (Government Code Section 54956.9(d)(2)(e)(3) Number of cases: (1) – Board of Directors on the advice of legal counsel is meeting to discuss a Notice of Intention to file CEQA suit received from Mojave Pistachio but no complaint has been provided.
- CONFERENCE WITH LEGAL COUNSEL – PUBLICALLY THREATENED LITIGATION (Government Code Section 54956.9(d)(2)(e)(3) Number of cases: (1) – Board of Directors on the advice of legal counsel is meeting to discuss public statements made by Searles Valley Minerals that it intends to file suit but no complaint has been provided.

Closed Session adjourned at 10:55 a.m.

4. OPEN SESSION:

Meeting was reconvened into open session at 11:03 a.m.

- a. Report on Closed Session:
Counsel Hall reports no action was taken that would require disclosure under the Brown Act.
- b. The Pledge of Allegiance is led by Scott Hayman

c. April Keigwin calls the following roll call:

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

5. PUBLIC COMMENT:

The Board hears public comment from Renee Westa-Lusk.

6. CONSENT AGENDA:

- a. Approve Minutes of Board Meeting September 17, 2020
- b. Approve Expenditures
 - i. \$6,565.00 – RWG Law
 - ii. \$7,856.25 – Capitol Core Group
 - iii. \$145.00 – Water District Jobs, General Manager (GM) Ad
 - iv. \$5,640.00 – WaterWise Consulting, Inc.
 - v. \$1,214.96 – Daily Independent

Don Zdeba notes Capitol Core Group invoices will be paid for by the District and credited against the Replenishment Fee to be paid by the District once implemented.

Motion made by Scott Hayman and seconded by Ron Kicinski to approve Minutes of Board Meeting September 17, 2020 and the following expenditures in the amount of \$6,565.00 to RWG Law, \$7,856.25 to Capitol Core Group, \$145.00 to Water District Jobs, \$5,640.00 to WaterWise Consulting, Inc., and \$1,214.96 to Daily Independent.

Motion unanimously carries by the following roll call vote:

Director Vallejo	Aye
Director Kicinski	Aye
Chairman Gleason	Aye
Vice Chair Hayman	Aye
Director Page	Aye

7. METER COMPLIANCE UPDATE AND STAFF RECOMMENDATION ON CHANGES TO THE POLICY:

Don Zdeba provides a staff report and supporting documentation (documents made available on the IWVGA website). Board requests further staff recommendation on potential changes to the Ordinance at the November meeting.

The Board hears public comment from Josh Nugent, Tom Browne, and Renee Westa-Lusk.

8. BOARD CONSIDERATION AND APPROVAL OF RESOLUTION 07-20 ESTABLISHING A REPORTING POLICY FOR ALL NEW GROUNDWATER EXTRACTION WELLS IN THE BASIN:

Counsel Hall provides a staff report and Resolution 07-20 (documents made available on the IWVGA website).

The Board hears public comment from Elisabeth Esposito, and Renee Westa-Lusk.

Motion made by Scott Hayman and seconded by Ron Kicinski to approve Resolution 07-20 – Establishing a Reporting Policy for all New Groundwater Extraction Wells in the Basin.

Motion unanimously carries by the following roll call vote.

Director Vallejo	Aye
Director Kicinski	Aye

Chairman Gleason	Aye
Vice Chair Hayman	Aye
Director Page	Aye

- 9. BOARD CONSIDERATION AND DISCUSSION OF AN OPTIMIZED USE OF RECYCLED WATER:**
Steve Johnson and Jeff Helsley provide a staff report and presentation (documents made available on the IWVGA website).

The Board hears public comment from Josh Nugent, Judie Decker, Derek Hoffman, Tom Browne, Mike Neel, and Renee Westa-Lusk.

Director Page leaves the meeting at 12:00 p.m.

- 10. BOARD CONSIDERATION AND DISCUSSION ON A FOLLOWING VALUATION AND POTENTIAL FOR A TRANSFER MARKET IN THE TRANSIENT POOL:**
Steve Johnson and Jeff Helsley provide a staff report and presentation (documents made available on the IWVGA website).

The Board hears public comment from Elisabeth Esposito, Derek Hoffman, and Judie Decker.

- 11. VISION PLAN FOR 2035:**
Nothing to report.

The Board hears public comment from Mike Neel.

- 12. WATER RESOURCES MANAGER REPORT:**
Jeff Helsley provides updates on the following grants/programs: Prop. 1 Grant Status, Prop. 68 Grant Status, TDS Sampling and Testing Results, Isotopes Sampling and Testing Results, TSS Sampling and Schedule (presentations made available on the IWVGA website).

- 13. GENERAL MANAGER'S REPORT:**
Don Zdeba provides updates on the following; Continuance of Public Hearing for Bellino, Monthly Financial Report, Report on IWVGA's Water Marketer (Capitol Core Group), Severely Disadvantaged Communities (SDAC) Program, General Manager Recruitment, Delinquent Accounts, and Well Registration Update (documents made available on the IWVGA website).

The Board hears public comment from Josh Nugent.

- 14. CLOSING COMMENTS :**
Director Vallejo thanks everyone for their participation.

Director Kicinski thanks everyone for their participation and hopes the pieces begin to pull together soon.

- 15. DATE OF NEXT MEETING – November 19, 2020**

- 16. ADJOURN:**
Chairman Gleason adjourns the meeting at 1:12 p.m.

Respectfully submitted,
April Keigwin

Clerk of the Board
Indian Wells Valley Groundwater Authority

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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 **SPECIAL MEETING MINUTES** **Thursday, October 29, 2020; 12:00 p.m.**

IWVGA Members Present:

Chairman Mick Gleason, Kern County	John Vallejo, Inyo County
Vice Chair Scott Hayman, City of Ridgecrest	Phillip Hall, Legal Counsel
Ron Kicinski, IWVWD	Don Zdeba, IWVGA General Manager
April Keigwin, Clerk of the Board	Steve Johnson, IWVGA Water Resources Manager

Attending via Teleconference is Phillip Hall, John Vallejo, and Steve Johnson.

1. CALL TO ORDER:

The meeting is called to order by Chairman Gleason at 12:01 p.m.

- a. The Pledge of Allegiance is led by Scott Hayman.
- b. April Keigwin calls the following roll call:

Director Vallejo	Present
Vice Chair Hayman	Present
Director Kicinski	Present
Director Page	<i>Absent</i>
Chairman Gleason	Present

2. PUBLIC COMMENTS:

None

3. DEFENSE COMMUNITY INFRASTRUCTURE PROGRAM IMPLEMENTATION GUIDELINES LETTER OF SUPPORT:

Jeff Simonetti of Capitol Core Group provides a staff report and supporting documents (documents made available on the IWVGA website).

Motion made by Ron Kicinski and seconded by Scott Hayman to approve signing a Letter of Support for the Defense Community Infrastructure Program Implementation Schedule.

Motion carries by the following roll call vote:

Director Vallejo	Aye
Director Kicinski	Aye
Chairman Gleason	Aye
Vice Chair Hayman	Aye
Director Page	<i>Absent</i>

4. BOARD CONSIDERATION AND APPROVAL OF SUBMITTING AN EXPRESSION OF INTEREST FOR THE TABLE A ENTITLEMENT FROM MONTECITO WATER:

Don Zdeba provides a staff report and supporting documentation (documents made available on the IWVGA website).

Motion made by Scott Hayman and seconded by Ron Kicinski directing staff to proceed with submitting an Expression of Interest (XOI) for the Table A Entitlement offered from Montecito Water District so long as the XOI states water will be purchased at “fair market value”.

Motion carries by the following roll call vote:

Director Vallejo	Aye
Director Kicinski	Aye
Chairman Gleason	Aye
Vice Chair Hayman	Aye
Director Page	<i>Absent</i>

5. CLOSING COMMENTS:

None.

Chairman Gleason adjourns for recess at 12:43 p.m.

6. CLOSED SESSION:

Meeting reconvenes into closed session at 12:48 p.m.

- a. PUBLIC EMPLOYEE APPOINTMENT – (Government Code Section 54957(b)(1)) Title: General Manager
- b. CONFERENCE WITH LEGAL COUNSEL – PUBLICALLY THREATENED LITIGATION (Government Code Section 54956.9(d)(2)(e)(3)) Number of cases: (1) – Board of Directors on the advice of legal counsel is meeting to discuss public statements made by Searles Valley Minerals that it intends to file suit but no complaint has been provided.
- c. CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION (Government Code Section 54956.9(d)(1)) - Name of case: Mojave Pistachios, LLC, a California limited liability company, et.al. v. Indian Wells Valley Groundwater Authority, a California Joint Powers Authority, et. al.

Chairman Gleason adjourns Closed Session at 3:21 p.m.

7. REPORT ON CLOSED SESSION:

The meeting reconvenes into Open Session at 3:21 p.m.

Chairman Gleason reports no action was taken that would require disclosure under the Brown Act.

8. DATE OF NEXT MEETING: November 19, 2020

9. ADJOURN:

Chairman Gleason adjourns the meeting at 3:21 p.m.

Respectfully submitted,

April Keigwin
Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

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Invoice

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

Invoice Number: 2652-38
Invoice Date: 10/09/20

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

Professional Services through 9/30/2020

Water Resources Management

01 - POAM No. 134 Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Authority & Co

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	19.00	\$230.00	\$4,370.00
Supervisor I	5.75	\$200.00	\$1,150.00
Senior I	1.00	\$160.00	\$160.00
Associate III	3.00	\$105.00	\$315.00
<i>Professional Services Subtotal:</i>			<u>\$5,995.00</u>

Reimbursables	<u>Charge</u>
Reproduction (Color)	\$56.96
Data	\$115.40
Reproduction	\$1.05
Telephone - Conference Call	\$27.29
<i>Reimbursables Subtotal:</i>	
	<u>\$200.70</u>

'OAM No. 134 Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Authority & Com \$6,195.70

02.01 - POAM No. 15,16 Prop 1 Grant Administration

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.50	\$230.00	\$345.00
Supervisor I	1.00	\$200.00	\$200.00
Associate III	13.75	\$105.00	\$1,443.75
<i>Professional Services Subtotal:</i>			<u>\$1,988.75</u>

POAM No. 15,16 Prop 1 Grant Administration Subtotal: \$1,988.75

04.02 - POAM No. 20 Data Management System

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.25	\$230.00	\$287.50
Associate I	18.00	\$115.00	\$2,070.00
Assistant I	3.00	\$95.00	\$285.00
<i>Professional Services Subtotal:</i>			<u>\$2,642.50</u>

Reimbursables	<u>Charge</u>
Data	\$19.84
<i>Reimbursables Subtotal:</i>	
	<u>\$19.84</u>

POAM No. 20 Data Management System Subtotal: \$2,662.34

05 - POAM No. 126 Project Management Costs & Schedule

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.50	\$200.00	\$300.00



05 - POAM No. 126 Project Management Costs & Schedule

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	1.25	\$115.00	\$143.75
Associate III	14.00	\$105.00	\$1,470.00
			<u>\$1,913.75</u>
<i>Professional Services Subtotal:</i>			\$1,913.75
<i>POAM No. 126 Project Management Costs & Schedule Subtotal:</i>			\$1,913.75

11.02 - POAM No. 56 Monitoring Wells - Implementation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
			<u>\$200.00</u>
<i>Professional Services Subtotal:</i>			\$200.00
<i>POAM No. 56 Monitoring Wells - Implementation Subtotal:</i>			\$200.00

11.05 - POAM No. 78 Aquifer Tests

Sub-Contractors		<u>Charge</u>
Board of Regents		\$7,173.88
		<u>\$7,173.88</u>
<i>Sub-Contractors Subtotal:</i>		\$7,173.88
<i>POAM No. 78 Aquifer Tests Subtotal:</i>		\$7,173.88

11.08 - POAM No. 69 Weather Stations - Implementation

Reimbursables		<u>Charge</u>
Equipment Purchase		\$9,574.31
Overnight Mail		\$93.21
		<u>\$9,667.52</u>
<i>Reimbursables Subtotal:</i>		\$9,667.52
<i>POAM No. 69 Weather Stations - Implementation Subtotal:</i>		\$9,667.52

12 - POAM No. 119 SDAC Projects; Water Conservation & Rebate Program

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	5.00	\$105.00	\$525.00
			<u>\$525.00</u>
<i>Professional Services Subtotal:</i>			\$525.00
<i>POAM No. 119 SDAC Projects; Water Conservation & Rebate Program Subtotal:</i>			\$525.00

13 - POAM No. 120 SDAC Projects; Water Audit, Leak Detection & Leak Rpr Program

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	3.00	\$105.00	\$315.00
			<u>\$315.00</u>
<i>Professional Services Subtotal:</i>			\$315.00
<i>POAM No. 120 SDAC Projects; Water Audit, Leak Detection & Leak Rpr Program S</i>			\$315.00

14 - POAM No. 139 Pumping Assessment Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	5.75	\$200.00	\$1,150.00
Associate III	25.00	\$105.00	\$2,625.00
			<u>\$3,775.00</u>
<i>Professional Services Subtotal:</i>			\$3,775.00
<i>POAM No. 139 Pumping Assessment Support Subtotal:</i>			\$3,775.00

15 - TSS Program

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	15.00	\$200.00	\$3,000.00
GIS Manager	0.50	\$115.00	\$57.50
			<u>\$3,057.50</u>
<i>Professional Services Subtotal:</i>			\$3,057.50
<i>TSS Program Subtotal:</i>			\$3,057.50

16 - Brackish Water Study Coordination



16 - Brackish Water Study Coordination

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	7.50	\$230.00	\$1,725.00
Supervisor I	7.50	\$200.00	\$1,500.00
<i>Professional Services Subtotal:</i>			<u>\$3,225.00</u>
<i>Brackish Water Study Coordination Subtotal:</i>			<u>\$3,225.00</u>

22 - Prepare Meter Testing Specifications

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$230.00	\$460.00
Supervisor I	0.25	\$200.00	\$50.00
Senior I	3.00	\$160.00	\$480.00
Associate III	2.50	\$105.00	\$262.50
<i>Professional Services Subtotal:</i>			<u>\$1,252.50</u>
<i>Prepare Meter Testing Specifications Subtotal:</i>			<u>\$1,252.50</u>

26 - Allocation Process & Transient Pool Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	7.00	\$230.00	\$1,610.00
Supervisor I	1.00	\$200.00	\$200.00
Associate III	1.75	\$105.00	\$183.75
<i>Professional Services Subtotal:</i>			<u>\$1,993.75</u>
<i>Allocation Process & Transient Pool Support Subtotal:</i>			<u>\$1,993.75</u>

27 - 2020 Data Collection/Monitoring/Data Gaps

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	5.00	\$200.00	\$1,000.00
GIS Manager	0.25	\$115.00	\$28.75
Assistant I	44.25	\$95.00	\$4,203.75
GIS Specialist I	1.25	\$95.00	\$118.75
<i>Professional Services Subtotal:</i>			<u>\$5,351.25</u>
<i>2020 Data Collection/Monitoring/Data Gaps Subtotal:</i>			<u>\$5,351.25</u>

29 - 2020 Grant Review/Application

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	2.75	\$105.00	\$288.75
<i>Professional Services Subtotal:</i>			<u>\$288.75</u>
<i>2020 Grant Review/Application Subtotal:</i>			<u>\$288.75</u>

30 - 2020 General Engineering

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	9.00	\$230.00	\$2,070.00
Supervisor I	6.75	\$200.00	\$1,350.00
Associate III	4.50	\$105.00	\$472.50
<i>Professional Services Subtotal:</i>			<u>\$3,892.50</u>
<i>2020 General Engineering Subtotal:</i>			<u>\$3,892.50</u>

31 - Develop Rules and Regulations

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	0.75	\$200.00	\$150.00
<i>Professional Services Subtotal:</i>			<u>\$150.00</u>



Develop Rules and Regulations Subtotal: \$150.00

33 - Storage Calculation

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.00	\$230.00	\$230.00
Supervisor I	13.25	\$200.00	\$2,650.00

Professional Services Subtotal: \$2,880.00

Sub-Contractors

			<u>Charge</u>
Board of Regents			\$7,168.50

Sub-Contractors Subtotal: \$7,168.50

Storage Calculation Subtotal: \$10,048.50

34 - 2020 SDAC Pilot Project Support

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	0.75	\$200.00	\$150.00

Professional Services Subtotal: \$150.00

2020 SDAC Pilot Project Support Subtotal: \$150.00

35 - 2020 Imported Water

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	5.00	\$230.00	\$1,150.00
Supervisor I	2.25	\$200.00	\$450.00
Associate III	1.00	\$105.00	\$105.00
Senior Assistant	0.75	\$100.00	\$75.00

Professional Services Subtotal: \$1,780.00

2020 Imported Water Subtotal: \$1,780.00

36 - 2020 Recycled Water

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	10.00	\$230.00	\$2,300.00
Supervisor I	2.50	\$200.00	\$500.00
Associate III	2.00	\$105.00	\$210.00

Professional Services Subtotal: \$3,010.00

2020 Recycled Water Subtotal: \$3,010.00

***Water Resources Management Subtotal:* \$68,616.69**

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

\$68,616.69



REIMBURSABLE SUMMARY

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

Invoice Number: 2652-38

Invoice Date: 10/09/20

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

Manager: Stephen Johnson

Professional Services through 09/30/2020

Water Resources Management

01 - POAM No. 134 Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev GSP

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Telephone - Conference Call	09/01/2020	1.00	\$27.29	\$27.29	
Data	09/11/2020	1.00	\$115.40	\$115.40	
Reproduction	09/30/2020	7.00	\$0.15	\$1.05	
Reproduction (Color)	09/30/2020	64.00	\$0.89	\$56.96	

POAM No. 134 Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Auth \$200.70

04.02 - POAM No. 20 Data Management System

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Data	08/31/2020	1.00	\$19.84	\$19.84	

POAM No. 20 Data Management System Sub-Total: \$19.84

11.05 - POAM No. 78 Aquifer Tests

Sub-Contractors

Description	Date	Units	Unit Rate	Charge	Notes
Board of Regents	08/31/2020	1.00	\$7,173.88	\$7,173.88	

POAM No. 78 Aquifer Tests Sub-Total: \$7,173.88

11.08 - POAM No. 69 Weather Stations - Implementation

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Overnight Mail	08/21/2020	1.00	\$30.53	\$30.53	
Overnight Mail	08/24/2020	1.00	\$39.36	\$39.36	
Overnight Mail	08/31/2020	1.00	\$23.32	\$23.32	
Equipment Purchase	09/01/2020	1.00	\$945.00	\$945.00	
Equipment Purchase	09/30/2020	1.00	\$7,206.86	\$7,206.86	
Equipment Purchase	09/30/2020	1.00	\$1,422.45	\$1,422.45	

POAM No. 69 Weather Stations - Implementation Sub-Total: \$9,667.52

33 - Storage Calculation

Sub-Contractors

Description	Date	Units	Unit Rate	Charge	Notes
Board of Regents	08/31/2020	1.00	\$7,168.50	\$7,168.50	

Storage Calculation Sub-Total: \$7,168.50



PAID

Hostwinds
12101 Tukwila International Blvd
Suite #320
Seattle, Washington 98168

Invoice #2153292

Invoice Date: 08/20/2020

Due Date: 09/19/2020

Invoiced To

Oliver Page
2171 E Francisco Blvd Ste K
San Rafael, California, 94901
United States

Description	Total
Domain Renewal - iwvgsp.com - 1 Year/s (10/04/2020 - 10/03/2021) + ID Protection	\$19.84 USD
Sub Total	\$19.84 USD
Credit	\$0.00 USD
Total	\$19.84 USD

Transactions

Transaction Date	Gateway	Transaction ID	Amount
09/09/2020	Credit Card	42222100230	\$19.84 USD
	Balance		\$0.00 USD

Notes: 7335.0922



STETSON ENGINEERS INC
 2171 FRANCISCO BLVD E
 SAN RAFAEL, CA 94901-5542

Page: 1 of 11
 Issue Date: Sep 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X09192020

RECEIVED
 STETSON ENGINEERS, INC.

SEP 18 2020

SAN RAFAEL



E-MAILED

One little change can help make a difference. Go paperless today. Get more convenience, plus help reduce paper waste! Update your billing preferences at wireless.att.com/premiercare

AutoPay: Set up automatic payments that you can update whenever you want. Go to wireless.att.com/premiercare to sign up through eBill now.

Want to learn more about your details and usage? Sign into Premier eBill at wireless.att.com/premiercare and go to your customizable reporting.

Total due


\$172.40

Please pay by:
 Oct 06, 2020

Account summary

Your last bill	\$57.00
Payment, Sep 01 - Thank you!	-\$57.00
Remaining balance	\$0.00


Service summary

 Wireless	\$172.40
Total services	
	\$172.40
<hr/>	
Total due	\$172.40
Please pay by Oct 06, 2020	

2610 \$57.00
 2652-001:11:08 \$115.40

Ways to pay and manage your account:

 business.att.com

 **Call 611**
 from AT&T device

800.331.0500
 TTY: 866.241.6567
 from any other phone



Page: 2 of 11
 Issue Date: Sep 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X09192020

Service activity

Wireless

Number	User	Page	Activity since last bill	Monthly charges	Surcharges & fees	Government taxes & fees	Total
Group 1		2	\$32.00	\$40.00	\$1.43	\$0.67	\$74.10
415.342.6638	INDIAN WELLS#1	5	\$16.00	\$20.00	\$4.52	\$0.78	\$41.30
Subtotal for Group 1			\$48.00	\$60.00	\$5.95	\$1.45	\$115.40
415.259.7997	PETERSEN #2	7	-	\$25.00	\$3.50	-	\$28.50
415.747.4674	PETERSEN #1	9	-	\$25.00	\$3.50	-	\$28.50
Total			\$48.00	\$110.00	\$12.95	\$1.45	\$172.40

Pooling detail

Data Pool: Data Pooling GB Overage

Allocation factor: 0.0000 | Total under: 1,109,422 | Total overage: 0

Number	User	Allowance (KB)	Used (KB)	Allocation Back (KB)	Adjustment Amount
415.259.7997	PETERSEN #2	1,048,576	589,434	0	\$0.00
415.747.4674	PETERSEN #1	1,048,576	398,296	0	\$0.00
Total for Data Pooling GB Overage		2,097,152	987,730	0	\$0.00

Group 1

1 Device

Activity since last bill

Aug 12 - Sep 11

Aug 18: Added

Aug 18 - Sep 11

- 1. Mobile Share Plus for Business 3GB One Line \$32.00 < Service change - partial month charge

Monthly charges

Sep 12 - Oct 11

- 2. Mobile Share Plus for Business 3GB One Line \$40.00

Surcharges & fees

- 3. Federal Universal Service Charge \$1.39
- 4. State Public Utility Surcharge \$0.04

Group 1 continues...





Page: 3 of 11
 Issue Date: Sep 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X09192020

...Group 1 continued

Government taxes & fees

5. CA Advanced Services Fund (CASF)	\$0.04
6. CHCF A	\$0.04
7. Relay Service Device Fund	\$0.05
8. Teleconnect Fund	\$0.07
9. Universal Lifeline	\$0.47

Total for Group 1 **\$74.10**

Shared usage summary (Aug 18 - Sep 11)

Number	User	Partial period	Data (GB)	Text	Talk
415.342.6638	INDIAN WELLS#1	Aug 18 - Sep 11	0.01	78	0
Total usage			0.01	78	0
Included in plan			3.00	unlimited	unlimited
*Rollover available through Sep 11: 0.00GB			0.00		
Rollover available starting Sep 12			3.00		

Usage is rounded up based on your plan. For more details on your Shared usage summary, visit business.att.com.
 *Unused Rollover Data expires after 1 billing period or when you change your plan or account.




Page: 4 of 11
Issue Date: Sep 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X09192020






Page: 5 of 11
 Issue Date: Sep 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X09192020

...Wireless continued

 **Phone, 415.342.6638**
 INDIAN WELLS#1

Activity since last bill		<i>Aug 12 - Sep 11</i>		
 Aug 18: Added		<i>Aug 18 - Sep 11</i>		
1.	Access for Smartphone	\$32.00	< Service change - partial month charge	
2.	Discount for Smartphone Access Charge	-\$16.00	< Service change - partial month credit	
Other Activity				
3.	Activation Fee	<i>Aug 18</i>	\$30.00	< One-time charge
4.	Activation Fee Credit	<i>Aug 18</i>	-\$30.00	< One-time credit
Monthly charges		<i>Sep 12 - Oct 11</i>		
5.	Access for Smartphone	\$40.00		
6.	Discount for Smartphone Access Charge	-\$20.00		
Surcharges & fees				
7.	Administrative Fee	\$1.99		
8.	Federal Universal Service Charge	\$1.00		
9.	Property Tax Allotment	\$0.26		
10.	Regulatory Cost Recovery Charge	\$1.25		
11.	State Public Utility Surcharge	\$0.02		
Government taxes & fees				
12.	CA Advanced Services Fund (CASF)	\$0.03		
13.	CHCF A	\$0.02		
14.	Relay Service Device Fund	\$0.04		
15.	State 911 Tax	\$0.30		
16.	Teleconnect Fund	\$0.05		
17.	Universal Lifeline	\$0.34		
Total for 415.342.6638		\$41.30		

Usage summary

Text	<i>Used</i>
Plan messages (unlimited)	78
Data	<i>Used</i>
Mobile Share Plus for Business 3GB One Line (3.00 GB)	0.01



Page: 6 of 11
Issue Date: Sep 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X09192020





Page: 7 of 11
 Issue Date: Sep 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X09192020

...Wireless continued

 **Connected Device, 415.259.7997**
 PETERSEN #2

Monthly charges	<i>Sep 12 - Oct 11</i>	
1. BC Plus 1GB		\$25.00
2. Pay Per Use Picture/Video Messaging		\$0.00
3. Pay Per Use Text/Instant Messaging		\$0.00
<hr/>		
Surcharges & fees		
4. Administrative Fee		\$1.99
5. Property Tax Allotment		\$0.26
6. Regulatory Cost Recovery Charge		\$1.25
<hr/>		
Total for 415.259.7997		\$28.50

Usage summary

Data	<i>Used</i>
BCPLUS (1,048,576 KB)	589,434
<i>1 Gigabyte (GB) = 1024MB, 1 Megabyte (MB) = 1024KB</i>	



Page: 8 of 11
Issue Date: Sep 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X09192020





Page: 9 of 11
Issue Date: Sep 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X09192020

...Wireless continued

 **Connected Device, 415.747.4674**
PETERSEN #1

Monthly charges	Sep 12 - Oct 11	
1. BC Plus 1GB		\$25.00
2. Pay Per Use Picture/Video Messaging		\$0.00
3. Pay Per Use Text/Instant Messaging		\$0.00

Surcharges & fees

4. Administrative Fee		\$1.99
5. Property Tax Allotment		\$0.26
6. Regulatory Cost Recovery Charge		\$1.25

Total for 415.747.4674 **\$28.50**

Usage summary

Data	Used
BCPLUS (1,048,576 KB)	398,296
<i>1 Gigabyte (GB) = 1024MB, 1 Megabyte (MB) = 1024KB</i>	



Page: 10 of 11
Issue Date: Sep 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X09192020





Invoice

INVOICE NO:
35458

ORDER NO
68356

Extreme environments. Extreme ruggedness. Extremely simple
FTS Forest Technology Systems Ltd.
1065 Henry Eng Place Victoria, BC V9B 6B2
PH. (250) 478-5561 * FAX (250) 478-8579

S
O **Stetson Engineers Inc.**
L **861 Village Oaks Drive, Suite 100**
D **Covina CA 91724**
T **United States**
O

S
H **Stetson Engineers Inc**
I **2171 E. Francisco Blvd. Suite K**
P **San Rafael CA 94901**
T **Joel Barnard**
O **Phone: (415) 457-0701**
E-mail: joelb@stetsonengineers.com

Account No.	Repr.	Purchase Order No.	Ship Via	Ship Date	Terms	Inv. Date	Page
1SECA1000		1223	FedEx LTL	07/16/20	NET 30	07/16/20	1

ORD	QUANT. SHIP	ITEM NO.	DESCRIPTION	UNIT PRICE	AMOUNT
1.00	1.00	Part-Hydro	Parts Hydrology	0.00	0.00
1.00	1.00	12220	Battery, 12V 44AH, Power Patrol SLA1161	183.00	183.00
1.00	1.00	CBL-UC-JB-PWR	Battery to Terminal Cable Assembly	26.26	26.62
1.00	1.00	EON2-AIMABLE-MOUNT	EON2 Aimable Mount	93.50	93.50
1.00	1.00	GOES-ANTENNA-EON2-KIT2 Serial Number	GOES EON2 Antenna, Short Cable 080028	496.00	496.00
1.00	1.00	RG-T-FL Serial Number	RAIN GAUGE, PEDESTAL MOUNT, 20FT FLYING 118802	909.00	909.00
1.00	1.00	SPS-20W-ASC Serial Number	Solar Panel Package, 20W, 3 Ft Battery Cable 118884	516.00	516.00
1.00	1.00	WP-ENCL-MINI	Weatherproof Equipment Enclosure, Mini Size	1,193.00	1,193.00
1.00	1.00	LT1-GOES Serial Number	LT1 Logger/Transceiver 1 GOES 118428	2,075.00	2,075.00
1.00	1.00	LT1-4PIN	LT1 4 pin connector	0.00	0.00
1.00	1.00	LT1-8PIN	LT1 8 pin connector	0.00	0.00
1.00	1.00	19637	Screwdriver Plane Slot	0.00	0.00
1.00	1.00	19682	LT1 Quick Start Guide	0.00	0.00

1.00	1.00	GPS-ANTENNA-WP	GPS Antenna, Top of Cabinet Mount, Cable, 19.5ft	110.00	110.00
1.00	1.00			0.00	0.00
		FTS-USB-MANUAL	FTS Product and Systems User Manuals		
4.00	4.33			0.00	0.00
		19225	DIN Rail 35mm x 7.5mm Zinc-Plated Steel		
1.00	1.00			0.00	0.00
		20180	SMA Male to N Female Adapter		
1.00	1.00			895.00	895.00
		20385	TRIPOD, 7-10FT, G/STEEL, W/GRD KIT		
1.00	1.00			0.00	0.00
		20514	Cable, N-Type F Bulkhead to SMA M, 10"		
			CA State Tax 9%	584.74	584.74
			Shipping	125.00	125.00

	SUB-TOTAL	\$ 7,206.86 US
--	------------------	-----------------------

TOTAL → \$ 7,206.86 US



Invoice

INVOICE NO:
35657

ORDER NO
68730

Extreme environments. Extreme ruggedness. Extremely simple
FTS Forest Technology Systems Ltd.
1065 Henry Eng Place Victoria, BC V9B 6B2
PH. (250) 478-5561 * FAX (250) 478-8579

S Stetson Engineers Inc.
O 861 Village Oaks Drive, Suite 100
L Covina CA 91724
D United States
T
O

Stetson Engineers Inc.
S 2171 E. Francisco Blvd. Suite K
H San Rafael CA 94901
I United States
P Joel Barnard
T Phone: (415) 457-0701
O E-mail: joelb@stetsonengineers.com

Account No.	Repr.	Purchase Order No.	Ship Via	Ship Date	Terms	Inv. Date	Page
1SECA1000		1223	FedEx 2 Day	08/24/20	NET 30	08/24/20	1

ORD	QUANT. SHIP	ITEM NO.	DESCRIPTION	UNIT PRICE	AMOUNT
	1.00	SDI-THPS-LB SerialNumber	Temp Hum Press Sen,Shield,SDI-12,15m Cbl FL,arm 119784	1,305.00	1,305.00
	1.00		CA State Tax @ 9%, San Rafael (# 35715)	117.45	117.45

TIN # 98-0491136	SUB-TOTAL	\$ 1,422.45 US
------------------	------------------	-----------------------

Balance Owing → \$ 1,422.45 US

Jonathan Clare

To: Joel Barnard
Subject: RE: Hydrological Services America

From: Joel Barnard
Sent: Monday, September 28, 2020 1:52 PM
To: Jonathan Clare <JonathanC@stetsonengineers.com>
Subject: RE: Hydrological Services America

That is the refund for the returned goods we couldn't use. We did pay them, and I tried unsuccessfully in cutting of them depositing the check. See attached invoice.

Invoice Total - \$2,415
Returned goods - \$1,470
Retained goods - \$945

We are using the retained goods as intended.



Hydrological Services America LLC
 P.O. Box 631
 Lake Worth, FL 33460
 Ph. 561.459.4876
 admin@hydrologicalusa.com

INVOICE

ISSUE DATE	INVOICE #
8/7/2020	0820982

BILL TO
Stetson Engineers Inc. 2171 E. Francisco Blvd. Suite K San Rafael, CA 94901

SHIP TO
Stetson Engineers Inc. 2171 E. Francisco Blvd. Suite K San Rafael, CA 94901

TERMS	P.O. NUMBER	DUE DATE	SHIP DATE	SHIP VIA	
Net 30	1224	9/6/2020	8/6/2020	UPS 3 day	
QUANTITY	ITEM CODE	DESCRIPTION		PRICE EACH	AMOUNT
1	TB4/0.01/T	TIPPING BUCKET RAIN GAUGE 0.01 INCH RESOLUTION WITH TEFLON IMGREGNATED POLYMER BUCKET; ANTI-CORROSIVE POWDER COATED ALUMINUM RIM & FUNNEL ASSEMBLY 1/8 INCH THICK, POWDER COATED ALL ALUMINUM OUTER ENCLOSURE, JEWEL SAPPHIRE PIVOTS, DUAL REED SWITCH OUTPUTS, 2 YEAR PARTS & LABOR WARRANTY. INCLUDES 5 METER LEAD. S/NO.20-440		850.00	850.00T
1	IQ UC	IRIS UNDERCOVER (IP CAPABLE) DATA LOGGER · CELLULAR 3G/4G MODEM WITH WIFI · 2X ANALOG INPUTS (16 BIT RESOLUTION) · 1X DIGITAL INPUT/OUTPUT CHANNEL · 2X DIGITAL INPUT CHANNELS · 1X ANALOG EXCITATION OUTPUT S/NO AG5-0062		1,175.00	1,175.00
1	RT-UNDERCOV...	RAINTRAK UNDERCOVER MOUNTING KIT ONLY: + S.S. LOGGER BRACKET + 4G FLAT ANTENNA 2 DBI WITH S.S. ANTENNA BRACKET + 12V: 5 WATT SOLAR PANEL& BRACKET + 12V: 2.8Ah RECHARGEABLE SEALED LEAD ACID BATTERY + TB334 POLE MOUNT BRACKET NOT INCLUDED: + MODEM SIM CARD		390.00	390.00
1	FREIGHT-OUT	FREIGHT FOR OUTGOING ORDERS.		0.00	0.00

Overdue accounts may be charged 2.5% interest on outstanding balances. All goods remain the property of Hydrological Services America until paid in full.	TOTAL USD	\$2,415.00
---	------------------	-------------------

HYDROLOGICAL SERVICES AMERICA

Hydrological Services
 America
 PO Box 631
 Lake Worth Beach, FL
 33460

CREDIT MEMO

ISSUE DATE	CREDIT NO.
9/16/2020	0920015

REFUNDED

BILL TO Stetson Engineers Inc. 2171 E. Francisco Blvd. Suite K San Rafael, CA 94901 415-457-0701	SHIP TO
--	--

P.O. NUMBER

1224

QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT
-1	IQ UC	IRIS UNDERCOVER (IP CAPABLE) DATA LOGGER · CELLULAR 3G/4G MODEM WITH WIFI · 2X ANALOG INPUTS (16 BIT RESOLUTION) · 1X DIGITAL INPUT/OUTPUT CHANNEL · 2X DIGITAL INPUT CHANNELS · 1X ANALOG EXCITATION OUTPUT S/NO AG5-0062	1,175.00	-1,175.00
-1	RT-UNDERCOV...	RAINTRAK UNDERCOVER MOUNTING KIT ONLY: + S.S. LOGGER BRACKET + 4G FLAT ANTENNA 2 DBI WITH S.S. ANTENNA BRACKET + 12V: 5 WATT SOLAR PANEL& BRACKET + 12V: 2.8Ah RECHARGEABLE SEALED LEAD ACID BATTERY + TB334 POLE MOUNT BRACKET NOT INCLUDED: + MODEM SIM CARD *** Deducted \$95 off of credit for TB334, Pole Mount Bracket. Price of RT-Undercover-MK including above was originally \$390 ***	295.00	-295.00

Thank you, we really appreciate your business.	TOTAL	-\$1,470.00
--	--------------	--------------------



Invoice Number	Invoice Date	Account Number	Page
7-126-96760	Sep 18, 2020	1120-7190-3	3 of 3

Ship Date: Aug 21, 2020 **Cust. Ref.:** 1526-23e **Ref.#2:**
Payor: Shipper **Ref.#3:**

- Distance Based Pricing, Zone 4
- FedEx has audited this shipment for correct packages, weight, and service. Any changes made are reflected in the invoice amount.
- This shipment was priced using FedEx One Rate

Automation	INET	Sender	Recipient
Tracking ID	771329469562	Stetson Engineers	Jean Moran
Service Type	FedEx Priority Overnight	STETSON ENGINEERS INC	Stetson Engineers Inc.
Package Type	FedEx Pak	2171 E. FRANCISCO BLVD. STE. K	785 Grand Avenue
Zone	04	SAN RAFAEL CA 94901 US	CARLSBAD CA 92008 US
Packages	1		
Delivered	Aug 24, 2020 10:35		
Svc Area	A1		
Signed by	T.OREIL	Transportation Charge	63.20
FedEx Use	000000000/187102/_	Total Charge	USD \$63.20

1526-23e Reference Subtotal USD \$115.50

Ship Date: Aug 24, 2020 **Cust. Ref.:** 2652 **Ref.#2:**
Payor: Shipper **Ref.#3:**

- Fuel Surcharge - FedEx has applied a fuel surcharge of 4.00% to this shipment.
- Distance Based Pricing, Zone 3

Automation	INET	Sender	Recipient
Tracking ID	771343581272	Stetson Engineers	Attn: Guest Joel Barnard
Service Type	FedEx Standard Overnight	STETSON ENGINEERS INC	Hampton Inn & Suites Ridgecres
Package Type	FedEx Pak	2171 E. FRANCISCO BLVD. STE. K	104 East Sydnor Avenue
Zone	03	SAN RAFAEL CA 94901 US	RIDGECREST CA 93555 US
Packages	1		
Rated Weight	1.0 lbs, 0.5 kgs	Transportation Charge	38.48
Delivered	Aug 25, 2020 12:48	Discount	-2.31
Svc Area	A7	Automation Bonus Discount	-1.92
Signed by	G.GALYON	Fuel Surcharge	1.51
FedEx Use	000000000/1305/_	DAS Extended Comm	3.60
		Total Charge	USD \$39.36

2652 Reference Subtotal USD \$39.36

Total FedEx Express USD \$154.86

FedEx Ground Shipment Detail By Reference (Original)

Ship Date: Aug 21, 2020 **Cust. Ref.:** 2652 **P.O.#:**
Payor: Shipper **Dept.#:**

- We calculated your charges based on a dimensional weight of 8.0 lbs, 17 in x 8 in x 8 in, using a dimensional factor of 139.

Tracking ID	771329789323	Sender	Recipient	Transportation Charge	13.98
Service Type	Direct Sign, Ppd	Joel Barnard	ATTN: RMA # 346	Fuel Surcharge	0.80
Zone	05	STETSON ENGINEERS INC	IN-SITU, INC	Declared Value	15.75
Packages	1	2171 E. FRANCISCO BLVD. STE. K	221 E LINCOLN AVE	Total Charge	USD \$30.53
Actual Weight	2.0 lbs	SAN RAFAEL CA 94901	FORT COLLINS CO 80524-253321		
Rated Weight	8 lbs				
Declared Value	USD 1,500.00				
Delivered	Aug 25, 2020				

Ship Date: Aug 31, 2020 **Cust. Ref.:** 2652 **P.O.#:**
Payor: Shipper **Dept.#:**

- We calculated your charges based on a dimensional weight of 13.0 lbs, 12 in x 12 in x 12 in, using a dimensional factor of 139.

Tracking ID	771407794960	Sender	Recipient	Transportation Charge	22.05
Service Type	Ppd, Domestic	Joel Barnard (San Rafael)	ATTN: RMA # 346	Fuel Surcharge	1.27
Zone	08	STETSON ENGINEERS INC	HYDROLOGICAL SERVICES AMERICA	Total Charge	USD \$23.32
Packages	1	2171 E. FRANCISCO BLVD. STE. K	3550 23RD AVE S		
Actual Weight	7.8 lbs	SAN RAFAEL CA 94901	STE 5		
Rated Weight	13 lbs		LAKE WORTH FL 33461-320705		
Delivered	Sep 10, 2020				

2652 Reference Subtotal USD \$53.85

Total FedEx Ground USD \$53.85

Project Accounting Summary

Account #: 1757778 Invoice #: 1744769641 Date: 09/30/2020

PAC:				
Owner Name	Conference	Date	Minutes	Conf Charge
Sharody, Ali	366579322	09/11/20	3	\$26.74
Total Conferences:			1	\$26.74

PAC: 1336				
Owner Name	Conference	Date	Minutes	Conf Charge
Sharody, Ali	367491678	09/22/20	414	\$65.94
Sharody, Ali	366855568	09/15/20	250	\$39.77
Sharody, Ali	365618776	09/01/20	349	\$55.58
Total Conferences:			3	\$161.29

PAC: 253301				
Owner Name	Conference	Date	Minutes	Conf Charge
Castaneda, Fatima	367975754	09/28/20	55	\$26.93
Total Conferences:			1	\$26.93

PAC: 2628				
Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	368183102	09/30/20	147	\$27.20
Reich, Steve	368105984	09/29/20	321	\$51.08
Reich, Steve	368099106	09/29/20	142	\$27.21
Reich, Steve	366179464	09/08/20	405	\$64.46
Total Conferences:			4	\$169.95

PAC: 2652				
Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	365597518	09/01/20	163	\$27.29
Total Conferences:			1	\$27.29

PAC: 2710				
Owner Name	Conference	Date	Minutes	Conf Charge
Sharody, Ali	366311633	09/09/20	148	\$27.23
Total Conferences:			1	\$27.23

PAC: 2733				
Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	368189116	09/30/20	77	\$26.99
Reich, Steve	367626880	09/23/20	305	\$48.54
Reich, Steve	366315455	09/09/20	47	\$26.90
Total Conferences:			3	\$102.43



Invoice for Stetson Engineers Inc. Isotopic Support

INVOICE TO

Stetson Engineers Inc
Attn: Accounts Payable
2171 East Francisco Blvd. Suite K
San Rafael, CA 94901

INVOICE NUMBER: CI-06-4102 / 11 ✓
 DATE: 09/15/20
 AMOUNT: \$14,342.38 ✓
 TERMS: Due Upon Receipt

Contract/Grant/Agreement/Purchase Order	Period Billed	
Stetson Engineers Inc. Contract # 2652 - 001	From	To
Contract Dated 5/24/19 ✓	8/1/2020	8/31/2020
Title: Stetson Engineers Inc. / Isotopic Support - Indian Wells Valley Groundwater Authority		
P.I.: Chapman, Jenny		
DRI Acct: AWD-06-00000523 / GR09067 RC0068 TAX ID #: 886000024		
Cost Elements/Services	Current	Cumulative

Stetson Engineers, Inc. - Isotopic Support - Indian Wells Valley Groundwater Authority ✓

Salaries	12,295.76	71,521.52
Travel	2,046.62	5,840.09
Operating	0.00	0.00
Totals	<u>14,342.38</u>	<u>77,361.61</u>

Total Amount Due This Invoice 14,342.38 ✓

Budget Amount 117,956.00
 Invoiced to Date 77,361.61
 Budget Balance **40,594.39**

"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 _____ 09/15/20
 Sherril Schmidt, Sponsored Research Specialist Date
 (775) 673-7404

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 *



Aug-20

Stetson Engineers - Isotopic Support - IWVGA

Awd-06-523 / GR09067

Contract # 2652 - 001

<u>Position</u>	<u>Worker</u>	<u>Rate</u>	<u>Hours</u>	<u>Cost</u>
Environmental Engineer	Gabrielle Boisrame	99.00	0.0000	0.00
Geochemist	Ron Hershey	184.51	0.0000	0.00
Geochemist-Field	Brittany Kruger	90.83	0.0000	0.00
Geochemist-SME	Jim Thomas	193.52	0.0000	0.00
Geologist	Steve Bacon	99.64	0.0000	0.00
GIS Professional	Cheryl Collins	98.95	0.0000	0.00
Groundwater Modeler-SME	Karl Pohlmann	239.00	1.6714	399.47
Hourly Data Analyst	Austin Chapman	29.46	0.0000	0.00
Hydrogeologist	John Healey	112.93	4.0002	451.74
Hydrogeologist	Kevin Heintz	75.95	67.5110	5,127.26
Hydrogeologist-SME	Jenny Chapman	258.45	0.0000	0.00
Hydrologist	Chris Garner	117.95	53.5600	6,317.29

<u>Travel</u>	<u>Dates</u>	<u>Cost</u>
Travel	July 12-18	508.40
Travel	July 17-19	1,538.22

Total Salaries & Fringe 12,295.76

Total Travel 2,046.62

Total Costs 14,342.38

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Invoice

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

Invoice Number: 2652-39
Invoice Date: 11/11/20

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

Professional Services through 10/31/2020

Water Resources Management

01 - POAM No. 134 Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Co

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	23.50	\$230.00	\$5,405.00
Supervisor I	28.75	\$200.00	\$5,750.00
Associate III	11.00	\$105.00	\$1,155.00
<i>Professional Services Subtotal:</i>			<i>\$12,310.00</i>
			<u>Charge</u>
Reimbursables			
Reproduction (Color)			\$243.86
Reproduction			\$14.25
Telephone - Conference Call			\$29.89
<i>Reimbursables Subtotal:</i>			<i>\$288.00</i>
			<u>\$12,598.00</u>

'0AM No. 134 Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Com *\$12,598.00*

02.01 - POAM No. 15,16 Prop 1 Grant Administration

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	9.50	\$105.00	\$997.50
Administrative II	2.00	\$65.00	\$130.00
<i>Professional Services Subtotal:</i>			<i>\$1,127.50</i>
<i>POAM No. 15,16 Prop 1 Grant Administration Subtotal:</i>			<i>\$1,127.50</i>

04.02 - POAM No. 20 Data Management System

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.25	\$230.00	\$287.50
Supervisor I	1.50	\$200.00	\$300.00
Associate I	15.75	\$115.00	\$1,811.25
Assistant I	0.75	\$95.00	\$71.25
<i>Professional Services Subtotal:</i>			<i>\$2,470.00</i>
<i>POAM No. 20 Data Management System Subtotal:</i>			<i>\$2,470.00</i>

05 - POAM No. 126 Project Management Costs & Schedule

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	4.75	\$200.00	\$950.00
Associate III	8.50	\$105.00	\$892.50
<i>Professional Services Subtotal:</i>			<i>\$1,842.50</i>
<i>POAM No. 126 Project Management Costs & Schedule Subtotal:</i>			<i>\$1,842.50</i>

11.01 - POAM No. 56 Monitoring Wells - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
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11.01 - POAM No. 56 Monitoring Wells - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.50	\$200.00	\$700.00
Assistant I	0.50	\$95.00	\$47.50
GIS Specialist I	1.00	\$95.00	\$95.00
			<u>\$842.50</u>
			<i>Professional Services Subtotal:</i>
			<u>\$842.50</u>
			<i>POAM No. 56 Monitoring Wells - Planning Subtotal:</i>
			<u>\$842.50</u>

11.05 - POAM No. 78 Aquifer Tests

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	6.00	\$200.00	\$1,200.00
Assistant I	3.25	\$95.00	\$308.75
			<u>\$1,508.75</u>
			<i>Professional Services Subtotal:</i>
			<u>\$1,508.75</u>
			<i>POAM No. 78 Aquifer Tests Subtotal:</i>
			<u>\$1,508.75</u>

11.06 - POAM No. 74 Water Quality & Stable Isotope Sampling

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	6.00	\$200.00	\$1,200.00
			<u>\$1,200.00</u>
			<i>Professional Services Subtotal:</i>
			<u>\$1,200.00</u>
			<i>POAM No. 74 Water Quality & Stable Isotope Sampling Subtotal:</i>
			<u>\$1,200.00</u>

11.08 - POAM No. 69 Weather Stations - Implementation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	1.00	\$115.00	\$115.00
			<u>\$115.00</u>
			<i>Professional Services Subtotal:</i>
			<u>\$115.00</u>
			Reimbursables
			<u>Charge</u>
Data			\$66.70
			<u>\$66.70</u>
			<i>Reimbursables Subtotal:</i>
			<u>\$66.70</u>
			<i>POAM No. 69 Weather Stations - Implementation Subtotal:</i>
			<u>\$181.70</u>

14 - POAM No. 139 Pumping Assessment Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	6.75	\$200.00	\$1,350.00
Associate III	10.50	\$105.00	\$1,102.50
			<u>\$2,452.50</u>
			<i>Professional Services Subtotal:</i>
			<u>\$2,452.50</u>
			<i>POAM No. 139 Pumping Assessment Support Subtotal:</i>
			<u>\$2,452.50</u>

15 - TSS Program

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	4.50	\$200.00	\$900.00
GIS Specialist I	1.00	\$95.00	\$95.00
			<u>\$995.00</u>
			<i>Professional Services Subtotal:</i>
			<u>\$995.00</u>
			<i>TSS Program Subtotal:</i>
			<u>\$995.00</u>

20 - Prop 68 Grant Application

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.00	\$230.00	\$230.00
			<u>\$230.00</u>
			<i>Professional Services Subtotal:</i>
			<u>\$230.00</u>
			<i>Prop 68 Grant Application Subtotal:</i>
			<u>\$230.00</u>

22 - Prepare Meter Testing Specifications

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
------------------------------	-------------------	------------------	---------------



22 - Prepare Meter Testing Specifications

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.50	\$230.00	\$345.00
Senior I	12.25	\$160.00	\$1,960.00
Associate I	0.25	\$115.00	\$28.75
Associate III	15.50	\$105.00	\$1,627.50
<i>Professional Services Subtotal:</i>			<u>\$3,961.25</u>
<i>Prepare Meter Testing Specifications Subtotal:</i>			<u>\$3,961.25</u>

26 - Allocation Process & Transient Pool Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	7.50	\$230.00	\$1,725.00
Associate III	1.00	\$105.00	\$105.00
<i>Professional Services Subtotal:</i>			<u>\$1,830.00</u>
<i>Allocation Process & Transient Pool Support Subtotal:</i>			<u>\$1,830.00</u>

27 - 2020 Data Collection/Monitoring/Data Gaps

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	6.00	\$200.00	\$1,200.00
GIS Manager	0.50	\$115.00	\$57.50
Assistant I	46.00	\$95.00	\$4,370.00
GIS Specialist I	7.00	\$95.00	\$665.00
<i>Professional Services Subtotal:</i>			<u>\$6,292.50</u>
<i>2020 Data Collection/Monitoring/Data Gaps Subtotal:</i>			<u>\$6,292.50</u>

30 - 2020 General Engineering

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	9.50	\$230.00	\$2,185.00
Supervisor I	5.75	\$200.00	\$1,150.00
Associate III	3.75	\$105.00	\$393.75
Senior Assistant	2.50	\$100.00	\$250.00
<i>Professional Services Subtotal:</i>			<u>\$3,978.75</u>
<i>2020 General Engineering Subtotal:</i>			<u>\$3,978.75</u>

33 - Storage Calculation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	8.25	\$200.00	\$1,650.00
GIS Specialist I	4.75	\$95.00	\$451.25
<i>Professional Services Subtotal:</i>			<u>\$2,101.25</u>
Sub-Contractors			<u>Charge</u>
Board of Regents			\$2,326.72
<i>Sub-Contractors Subtotal:</i>			<u>\$2,326.72</u>
<i>Storage Calculation Subtotal:</i>			<u>\$4,427.97</u>

34 - 2020 SDAC Pilot Project Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	2.25	\$200.00	\$450.00
Associate III	7.25	\$105.00	\$761.25
<i>Professional Services Subtotal:</i>			<u>\$1,211.25</u>
<i>2020 SDAC Pilot Project Support Subtotal:</i>			<u>\$1,211.25</u>



35 - 2020 Imported Water

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.00	\$230.00	\$230.00
Associate III	1.00	\$105.00	\$105.00
<i>Professional Services Subtotal:</i>			<u>\$335.00</u>
<i>2020 Imported Water Subtotal:</i>			<u>\$335.00</u>

36 - 2020 Recycled Water

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.50	\$200.00	\$300.00
Associate III	14.50	\$105.00	\$1,522.50
<i>Professional Services Subtotal:</i>			<u>\$1,822.50</u>
<i>2020 Recycled Water Subtotal:</i>			<u>\$1,822.50</u>

Water Resources Management Subtotal: **\$49,307.67**

***** Invoice Total ***** **\$49,307.67**



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

Northern California • Southern California • Arizona • Colorado • Oregon

REIMBURSABLE SUMMARY

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

Invoice Number: 2652-39

Invoice Date: 11/11/20

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

Manager: Stephen Johnson

Professional Services through 10/31/2020

Water Resources Management

01 - POAM No. 134 Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev GSP

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Telephone - Conference Call	10/30/2020	1.00	\$29.89	\$29.89	
Reproduction	10/31/2020	93.00	\$0.15	\$13.95	
Reproduction	10/31/2020	2.00	\$0.15	\$0.30	
Reproduction (Color)	10/31/2020	5.00	\$0.89	\$4.45	
Reproduction (Color)	10/31/2020	269.00	\$0.89	\$239.41	

POAM No. 134 Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Auth \$288.00

11.08 - POAM No. 69 Weather Stations - Implementation

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Data	10/11/2020	1.00	\$66.70	\$66.70	

POAM No. 69 Weather Stations - Implementation Sub-Total: \$66.70

33 - Storage Calculation

Sub-Contractors

Description	Date	Units	Unit Rate	Charge	Notes
Board of Regents	09/30/2020	1.00	\$2,326.72	\$2,326.72	

Storage Calculation Sub-Total: \$2,326.72



STETSON ENGINEERS INC
2171 FRANCISCO BLVD E
SAN RAFAEL, CA 94901-5542

Page: 1 of 11
Issue Date: Oct 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X10192020

RECEIVED
STETSON ENGINEERS, INC.

OCT 21 2020

SAN RAFAEL

One little change can help make a difference. Go paperless today. Get more convenience, plus help reduce paper waste! Update your billing preferences at wireless.att.com/premiercare

AutoPay: Set up automatic payments that you can update whenever you want. Go to wireless.att.com/premiercare to sign up through eBill now.

Want to learn more about your details and usage? Sign into Premier eBill at wireless.att.com/premiercare and go to your customizable reporting.

Total due


\$123.70

Please pay by:
Nov 06, 2020

Account summary

Your last bill	\$172.40
Payment, Sep 25 - Thank you!	-\$172.40
Remaining balance	\$0.00

Service summary

 Wireless	Page 2	\$123.70
Total services		\$123.70

Total due

\$123.70


Please pay by Nov 06, 2020

\$57.00 charge to 2610-002

\$66.70 charge to
2652-001:11.08

Ways to pay and manage your account:

 business.att.com

 **Call 611**
from AT&T device

800.331.0500
TTY: 866.241.6567
from any other phone



Page: 2 of 11
 Issue Date: Oct 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X10192020

Service activity

Wireless

Number	User	Page	Activity since last bill	Monthly charges	Surcharges & fees	Government taxes & fees	Total
Group 1		2	-	\$40.00	\$0.82	\$0.37	\$41.19
415.342.6638	INDIAN WELLS#1	5	-	\$20.00	\$4.27	\$0.64	\$24.91
Subtotal for Group 1			-	\$60.00	\$5.09	\$1.01	\$66.10
415.259.7997	PETERSEN #2	7	-	\$25.00	\$3.50	-	\$28.50
415.747.4674	PETERSEN #1	9	\$0.60	\$25.00	\$3.50	-	\$29.10
Total			\$0.60	\$110.00	\$12.09	\$1.01	\$123.70

Pooling detail

Data Pool: Data Pooling GB Overage

Allocation factor: 0.0000 | Total under: 1,171,501 | Total overage: 0

Number	User	Allowance (KB)	Used (KB)	Allocation Back (KB)	Adjustment Amount
415.259.7997	PETERSEN #2	1,048,576	535,782	0	\$0.00
415.747.4674	PETERSEN #1	1,048,576	389,869	0	\$0.00
Total for Data Pooling GB Overage		2,097,152	925,651	0	\$0.00

Group 1

1 Device

Monthly charges

Oct 12 - Nov 11

1. Mobile Share Plus for Business 3GB One Line \$40.00

Surcharges & fees

2. Federal Universal Service Charge \$0.79
 3. State Public Utility Surcharge \$0.03

Government taxes & fees

4. CA Advanced Services Fund (CASF) \$0.02
 5. CHCF A \$0.02
 6. Relay Service Device Fund \$0.03
 7. Teleconnect Fund \$0.04

Group 1 continues...





Page: 3 of 11
 Issue Date: Oct 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X10192020

...Group 1 continued

8. Universal Lifeline \$0.26

Total for Group 1 \$41.19

Shared usage summary (Sep 12 - Oct 11)

<i>Number</i>	<i>User</i>	<i>Data (GB)</i>	<i>Text</i>	<i>Talk</i>
415.342.6638	INDIAN WELLS#1	0.00	0	0
Total usage		0.00	0	0
Included in plan		3.00	unlimited	unlimited
*Rollover available through Oct 11: 3.00GB		0.00		
Rollover available starting Oct 12		3.00		

Usage is rounded up based on your plan. For more details on your Shared usage summary, visit business.att.com.

** Unused Rollover Data expires after 1 billing period or when you change your plan or account.*



Page: 4 of 11
Issue Date: Oct 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X10192020

[Faint, illegible table content]





Page: 5 of 11
 Issue Date: Oct 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X10192020

...Wireless continued

 **Phone, 415.342.6638**
 INDIAN WELLS#1

Monthly charges	Oct 12 - Nov 11	
1. Access for Smartphone		\$40.00
2. Discount for Smartphone Access Charge		-\$20.00

Surcharges & fees		
3. Administrative Fee		\$1.99
4. Federal Universal Service Charge		\$0.74
5. Property Tax Allotment		\$0.26
6. Regulatory Cost Recovery Charge		\$1.25
7. State Public Utility Surcharge		\$0.03

Government taxes & fees		
8. CA Advanced Services Fund (CASF)		\$0.02
9. CHCF A		\$0.01
10. Relay Service Device Fund		\$0.03
11. State 911 Tax		\$0.30
12. Teleconnect Fund		\$0.04
13. Universal Lifeline		\$0.24

Total for 415.342.6638 \$24.91

Usage summary

Data	Used
Mobile Share Plus for Business 3GB One Line (3.00 GB)	0.00



Page: 6 of 11
Issue Date: Oct 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X10192020





Page: 7 of 11
 Issue Date: Oct 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X10192020

...Wireless continued

 **Connected Device, 415.259.7997**
 PETERSEN #2

Monthly charges	Oct 12 - Nov 11	
1. BC Plus 1GB		\$25.00
2. Pay Per Use Picture/Video Messaging		\$0.00
3. Pay Per Use Text/Instant Messaging		\$0.00
<hr/>		
Surcharges & fees		
4. Administrative Fee		\$1.99
5. Property Tax Allotment		\$0.26
6. Regulatory Cost Recovery Charge		\$1.25
<hr/>		
Total for 415.259.7997		\$28.50

Usage summary

Data	Used
BCPLUS (1,048,576 KB)	535,782
<i>1 Gigabyte (GB) = 1024MB, 1 Megabyte (MB) = 1024KB</i>	

Wireless continues...



Page: 8 of 11
Issue Date: Oct 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X10192020





Page: 9 of 11
 Issue Date: Oct 11, 2020
 Account Number: 287275742910
 Foundation Account: 07346316
 Invoice: 287275742910X10192020

...Wireless continued

 **Connected Device, 415.747.4674**
 PETERSEN #1

Activity since last bill Sep 12 - Oct 11

Other Activity

1. Pay Per Use Text/Instant Messaging	\$0.60	< Usage
<i>3 messages at \$0.20 per message</i>		

Monthly charges Oct 12 - Nov 11

2. BC Plus 1GB	\$25.00	
3. Pay Per Use Picture/Video Messaging	\$0.00	
4. Pay Per Use Text/Instant Messaging	\$0.00	

Surcharges & fees

5. Administrative Fee	\$1.99	
6. Property Tax Allotment	\$0.26	
7. Regulatory Cost Recovery Charge	\$1.25	

Total for 415.747.4674 **\$29.10**

Usage summary

Data	Used
BCPLUS (1,048,576 KB)	389,869
<i>1 Gigabyte (GB) = 1024MB, 1 Megabyte (MB) = 1024KB</i>	



Page: 10 of 11
Issue Date: Oct 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X10192020





Page: 11 of 11
Issue Date: Oct 11, 2020
Account Number: 287275742910
Foundation Account: 07346316
Invoice: 287275742910X10192020

News you can use

COVID-19

We're here to help! If you've been economically impacted by COVID-19 and need more time to pay, please contact us at 800.947.5096, or go online at att.com/myATTMakePayment to make payment or payment arrangements. For more information, please go to att.com/COVID and select Consumer or Business, to see how we are "Keeping Our Customers Connected."

Important information

Late payment charge

Late payment charges for Corporate Responsibility User (CRU) accounts are applied according to applicable contracts.

Electronic check conversion

Paying by check authorizes AT&T to use the information from your check to make a one-time electronic fund transfer from your account. Funds may be withdrawn from your account as soon as your payment is received. If we cannot process the transaction electronically, you authorize AT&T to present an image copy of your check for payment. Your original check will be destroyed once processed. If your check is returned unpaid you agree to pay such fees as identified in the terms and conditions of your agreement, up to \$30. Returned checks may be presented electronically.

Surcharges and other fees

AT&T imposes additional charges on a per line basis, including federal and state universal service charges, an Administrative Fee (to defray certain expenses including charges AT&T or its agents pay to interconnect with other carriers to deliver calls from AT&T customers to their customers, and charges associated with cell site rents and maintenance), a Regulatory Cost Recovery Charge (to recover costs of compliance with certain government imposed regulatory requirements, including Wireless Number Portability and Number Pooling, and E911), and a Property Tax Allotment surcharge applied per Corporate Responsibility User's assigned number. These fees are not taxes or charges that the government requires AT&T to collect from its customers. See att.com/mobilityfees for details.

AT&T Mobility Center for customers with disabilities

Questions on accessibility by persons with disabilities: 866.241.6568.

Wireless DirectBill charges

Detail of DirectBill charges can be viewed at att.com/db. The direct billing option offers you the ability to purchase content, goods and features such as apps, games, donations, and services from AT&T and other companies by applying charges to your wireless account.

Tax ID

AT&T Mobility Tax ID 84-1659970

Wireless Services provided by AT&T Mobility, LLC.
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Project Accounting Summary

Account #: 1757778 Invoice #: 1744780141 Date: 10/31/2020

PAC:				
Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	370667562	10/30/20	61	\$27.09
Reich, Steve	370665479	10/30/20	19	\$26.92
Castaneda, Fatima	370222380	10/26/20	49	\$27.02
Total Conferences:	3		129	\$81.03

PAC: 1126				
Owner Name	Conference	Date	Minutes	Conf Charge
Sharoody, Ali	369658514	10/19/20	166	\$27.46
Total Conferences:	1		166	\$27.46

PAC: 1336				
Owner Name	Conference	Date	Minutes	Conf Charge
Krueger, Robyn	370409513	10/28/20	98	\$27.22
Total Conferences:	1		98	\$27.22

PAC: 2295				
Owner Name	Conference	Date	Minutes	Conf Charge
Sharoody, Ali	370318236	10/27/20	206	\$32.94
Total Conferences:	1		206	\$32.94

PAC: 2628				
Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	369657204	10/19/20	458	\$73.25
Reich, Steve	368654299	10/06/20	102	\$27.20
Total Conferences:	2		560	\$100.45

PAC: 2652				
Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	370668822	10/30/20	187	\$29.89
Total Conferences:	1		187	\$29.89

PAC: 2685				
Owner Name	Conference	Date	Minutes	Conf Charge
Sharoody, Ali	368806524	10/07/20	312	\$49.91
Total Conferences:	1		312	\$49.91

PAC: 2758				
Owner Name	Conference	Date	Minutes	Conf Charge
Krueger, Robyn	368807797	10/07/20	58	\$27.05



Invoice for Stetson Engineers Inc. Isotopic Support

INVOICE TO

Stetson Engineers Inc
Attn: Accounts Payable
2171 East Francisco Blvd. Suite K
San Rafael, CA 94901

INVOICE NUMBER: CI-06-4269 / 13 ✓

DATE: 10/23/20

AMOUNT: \$2,326.72 ✓

TERMS: Due Upon Receipt

Contract/Grant/Agreement/Purchase Order	Period Billed	
Stetson Engineers Inc. Contract # 2652 - 001 ✓	From	To
Contract Dated 5/24/19	9/1/2020	9/30/2020
Title: Stetson Engineers Inc, / Isotopic Support - Indian Wells Valley Groundwater Authority		
P.I.: Chapman, Jenny		
DRI Acct: AWD-06-00000523 / GR09067 RC0068 TAX ID #: 886000024		
Cost Elements/Services	Current	Cumulative

Stetson Engineers, Inc. - Isotopic Support - Indian Wells Valley Groundwater Authority ✓

Salaries	2,326.72	73,848.24
Travel	0.00	5,840.09
Operating	0.00	0.00
Totals	<u>2,326.72</u>	<u>79,688.33</u>

Total Amount Due This Invoice 2,326.72 ✓

Budget Amount	117,956.00
Invoiced to Date	<u>79,688.33</u>
Budget Balance	38,267.67

"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."

Sheril Schmidt 10/23/20

Sheril Schmidt, Sponsored Research Specialist Date

(775) 673-7404

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 *



Sep-20

Stetson Engineers - Isotopic Support - IWVGA

Contract # 2652 - 001

Awd-06-523 / GR09067

Position	Worker	Rate	Hours	Cost
Environmental Engineer	Gabrielle Boisrame	99.00	0.0000	0.00
Geochemist	Ron Hershey	184.51	0.0000	0.00
Geochemist-Field	Brittany Kruger	90.83	0.0000	0.00
Geochemist-SME	Jim Thomas	193.52	0.0000	0.00
Geologist	Steve Bacon	99.64	0.0000	0.00
GIS Professional	Cheryl Collins	98.95	0.0000	0.00
Groundwater Modeler-SME	Karl Pohlmann	239.00	0.0000	0.00
Hourly Data Analyst	Austin Chapman	29.46	0.0000	0.00
Hydrogeologist	John Healey	112.93	0.0000	0.00
Hydrogeologist	Kevin Heintz	75.95	0.0000	0.00
Hydrogeologist-SME	Jenny Chapman	258.45	0.0000	0.00
Hydrologist	Chris Garner	117.95	19.7267	2,326.72
Total Salaries & Fringe				2,326.72
Total Costs				2,326.72

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Brown Armstrong Accountancy Corporation

**4200 Truxtun Avenue
Suite 300
Bakersfield, CA 93309
661-324-4971**

INDIAN WELLS VALLEY GROUND WATER AUTHORITY
500 W. RIDGECREST BOULEVARD
RIDGECREST, CA 93555

Invoice No. 255927

Date September 27, 2020

Client No. 32711.001

Work in progress on 2019 and 2018 audit:

(Contract amount/Billed to date: \$14,000/\$9,700)

Current Invoice Amount	\$	1,900.00
Beginning Balance		<u>0.00</u>
Balance Due	\$	<u>1,900.00</u>

0 - 30	31 - 60	61 - 90	91 - 120	Over 120	Balance
1,900.00	0.00	0.00	0.00	0.00	1,900.00

Please remit by: October 25, 2020

Credit Card and ACH Payments Accepted on BA Payment Portal, Bacpas.com

Click on "Make a Payment"

(3% Convenience Fee will Apply on Credit Cards)

Make checks payable to: **Brown Armstrong**

E-mail billing inquiries to: Candi White

cwhite@bacpas.com

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CAPITOL
CORE
GROUP

Capitol Core Group, Inc.
205 Cartwheel Bend (Operations Dept.)
Austin, TX 78738 US
949.274.9605
operations@capitolcore.com
www.capitolcore.com

BILL TO

Indian Wells Valley Groundwater
Authority
500 West Ridgecrest Blvd.
Ridgecrest, California 93555
USA

INVOICE 2020-066

DATE 11/02/2020 **TERMS** Net 45

DUE DATE 12/17/2020

DATE	ACCOUNT SUMMARY	AMOUNT
10/06/2020	Balance Forward	7,856.25
	Other payments and credits after 10/06/2020 through 11/01/2020	-7,856.25
11/02/2020	Other invoices from this date	0.00
	New charges (details below)	9,887.50
	Total Amount Due	9,887.50

ACTIVITY	HOURS	RATE	AMOUNT
Charges			
Task 1 -- Find and Secure Imported Water Supplies			
Strategic Communications:Water Procurement Assistance	3	225.00	675.00
Review Table A Supplies, Preparation for Meeting and Discussion {Simonetti}			
Strategic Communications:Water Procurement Assistance	3	250.00	750.00
Memorandum Research, Preparation and Response for Steve Johnson {Tatum}			
Total Task 1 = \$1,425.00			
Task 3 -- Identify and Secure Funding Sources			
Government Relations:Federal Legislative Affairs	2.50	225.00	562.50
Follow-up w/ Rep. Garamendi and House Staff Rep. Crow {Simonetti}			
Government Relations:Federal Legislative Affairs	1.75	225.00	393.75
Follow-up w/ Rep. Cook and Rep. Crow on NDAA Amendment {Simonetti}			
Government Relations:Federal Legislative Affairs	1.50	225.00	337.50
Follow-up w/ Senator Feinstein on NDAA Amendments {Simonetti}			
Government Relations:Federal Legislative Affairs	2	225.00	450.00
Follow-up w/ various Members House of Representative NDAA Amendments {Simonetti}			
Government Relations:Federal Legislative Affairs	3.50	225.00	787.50
Creation of Letter of Support for NDAA Amendment, monthly update memo {Simonetti}			

ACTIVITY	HOURS	RATE	AMOUNT
Government Relations:Federal Legislative Affairs Meeting with Bureau of Reclamation re: interconnection infrastructure project (FY2021 appropriations and DOD-OEA on DCIP Implementation Guidelines {Simonetti})	3.50	225.00	787.50
Government Relations:Federal Legislative Affairs Follow-up with Members of House Armed Services Committee on NDAA {Simonetti}	2.75	225.00	618.75
Government Relations:Federal Legislative Affairs Senator Feinstein meeting re: DCIP support and briefing {Simonetti}	2.50	225.00	562.50
Government Relations:Federal Legislative Affairs Conference Call w/ Senator Feinstein re: NDAA/DCIP (various times) {McKinney}	2.50	250.00	625.00
Government Relations:Federal Legislative Affairs Conference calls (various) Rep. Garamendi, House Armed Services Staff, and DOD Legislative Affairs	2.50	250.00	625.00
Government Relations:Federal Legislative Affairs Senate Armed Services staff	1	250.00	250.00
Government Relations:Federal Legislative Affairs Coalition Development for support of all NDAA Amendments {McKinney}	2.50	250.00	625.00
Total Task 3 = \$6,625.00			
Task 4 -- Board Meetings, Reports			
Government Relations:Public Policy Board Meeting and Preparation {Simonetti}	1.50	225.00	337.50
Government Relations:Public Policy Reporting: Re-drafting/Update of Strategic Funding Plan {McKinney}	6	250.00	1,500.00
Total Task 4 = \$1,837.50			

Thank you for your business. Please make checks payable to Capitol Core Group, Inc.

TOTAL OF NEW CHARGES

9,887.50

TOTAL DUE

\$9,887.50

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California

Rural Water Association

October 9, 2020

Indian Wells Valley Groundwater Authority
Attn: Don Zdeba
500 W. Ridgecrest Blvd
Ridgecrest, CA 93555

Dear Mr. Zdeba:

Provided is our report and invoice for September 1, 2020 – September 30, 2020. This information pertains to the *Inyokern CSD Workplan (ICSD-FSLD-A)*. Please feel free to contact me if you have any questions, comments, or concerns; my contact information is listed below.

The packet includes the following:

- Invoice & Detail Costs
- Timesheets
- Expense Forms
- Progress Report

Sincerely,

A handwritten signature in black ink that reads "Dustin Hardwick".

Dustin Hardwick
Director of Resource Development
California Rural Water Association
1234 N. Market Boulevard
Sacramento, CA 95834
Phone: (760) 920-0842
Email: dhardwick@calruralwater.org



I. Invoice & Detail Cost



California Rural Water Association

California Rural Water Association
 Invoice Time Period: September 1 2020- September 30 2020

INVOICE

To: Indian Wells Valley Groundwater Authority
 Attn: Don Zdeba
 500 W. Ridgecrest Blvd
 Ridgecrest CA, 93555

Invoice #: ICSD-FSLD-A-001
Invoice Date: 10/12/2020
Terms: Net 30 Days

Pay: California Rural Water Association
 1234 North Market Blvd.
 Sacramento, CA 95834

Project Name: IWVGA Work Plan ICSD-FSLD-A

CWSRF			
Work Plan/AR #	Description of work	Date	Cost
ADMIN	Admin and project support	Invoice period	\$ 878.25
Technician	Inyokern FSLD	Invoice period	\$ 6,956.25
Technician	Travel Hours	Invoice period	\$ 4,652.50
Travel Expenditures			
Name	Description of Travel	Cost	
Michael Sims	Milage, Lodging, Meals, incidentals	\$ 1,344.25	
Abel Silva	Milage, Lodging, Meals	\$ 975.25	
Mark Hardison	Milage, Lodging, Meals	\$ 869.10	
Equipment			
Name	Description of Equipment	Cost	
Michael Sims	Field Tech Shirts for Heat Conditions	\$ 116.79	
Michael Sims	Field Tech Shirts for Heat Conditions	\$ 117.70	
Michael Sims	Replacement Headset Microphone (50% of invoice)	\$ 516.00	
Jacob Deluna	Hydro pack purchase for field staff (Abel Silva)	\$ 31.31	
INVOICE TOTAL:			\$ 16,457.40

Submitted by:
 Dustin Hardwick, Deputy Director
 California Rural Water Association

Signature

10/12/2020

Date

Proposition 1 Technical Assistance Funding Program

Invoice Detail
 Below should reflect all direct Project Management and Administration Costs (direct costs not tied to a specific TA Work Plan):

Date of Invoice or Receipt	Description	Rate	Hours	Amount this Invoice for PM and Admin
A. Personnel				
For All Dates within Invoice Period	Name of Employee			
For All Dates within Invoice Period	Dustin Hardwick	\$75	5.00	\$ 375.00
For All Dates within Invoice Period	Jacob DeLuna	\$33	15.25	\$ 503.25
For All Dates within Invoice Period				
For All Dates within Invoice Period				
For All Dates within Invoice Period				
For All Dates within Invoice Period				
For All Dates within Invoice Period				
	A. Subtotal =		20.25	\$ 878.25
B. Expenses and Supplies				
	Type of Expense or Supplies			
	B. Subtotal =			
C. Equipment				
	Description of Equipment			
	2 Oz. Hydropack purchased for Field staffer	\$ 31.31		\$ 31.31
				\$ 31.31
	C. Subtotal =			
D. Travel				
	Description of Travel (when, where, why, type of expense, etc.)			
	D. Subtotal =			
E. Professional and Consultant Services				
	Name of Consultant			
	E. Subtotal =			\$ 909.56

Proposition 1 Technical Assistance Funding Program

Invoice Detail

Below should reflect all direct Technician Costs (costs tied to a Inyokern CSD Work Plan):

Date of Invoice or Receipt	Description	Rate	Hours	Amount this Invoice for PM and Admin
A. Personnel				
For All Dates within Invoice Period	Name of Employee			
For All Dates within Invoice Period	Michael Sims	\$175	30.75	\$ 3,536.25
For All Dates within Invoice Period	Abel Silva	\$90	14.5	\$ 1,305.00
For All Dates within Invoice Period	Mark Hardison	\$90	23.5	\$ 2,115.00
For All Dates within Invoice Period				
For All Dates within Invoice Period				
For All Dates within Invoice Period				
For All Dates within Invoice Period				
	A. Subtotal =		68.75	\$ 6,956.25
C. Equipment				
	Description of Equipment			
	Field equipment for personnel surveying	\$ 116.79		\$ 116.79
	Field equipment for personnel surveying	\$ 117.70		\$ 117.70
	Headset needed for coms. only need reimbursement for 50% of PO total	\$ 516.00		\$ 516.00
	B. Subtotal =			\$ 750.49
C. Travel Expenditures				
	Description of Expenditures			
	Meals, Lodging, Mileage, Map coversion for Inyo CSD Systems			\$ 1,344.25
	Meals, Lodging, Mileage			\$ 975.25
	Meals, Lodging, Mileage			\$ 869.10
	C. Subtotal =			\$ 3,188.60
D. Travel Hours				
	Description of Travel (when, where, why, who, type of expense, etc.)			
	Travel from home to system, from lodging to System, from system to home	\$175	20.5	\$ 2,367.50
	Travel from home to system, from lodging to System, from system to home	\$90	15.5	\$ 1,395.00
	Travel from home to system, from lodging to System, from system to home	\$90	10	\$ 900.00
	D. Subtotal =		46	\$ 4,652.50
E. Professional and Consultant Services				
	Name of Consultant			
	E. Subtotal =			\$ 15,547.84

II. Timesheets

First Name	Last Name	Job Code	Date	Hours	Notes
Jacob	DeLuna	Admin	9/17/2020	1.5	Signed work plan received. Planning Inyofern CSD ID
Jacob	DeLuna	Admin	9/17/2020	1	Timsheet setup. CSD workplan signed submission
Jacob	DeLuna	Admin	9/17/2020	0.25	Budget tracker edits
Jacob	DeLuna	Admin	9/17/2020	0.5	Gen Admin support, Tech inquiries addressed.
Jacob	DeLuna	Admin	9/17/2020	1	Admin Support to technical staff, internal staff call scheduling
Jacob	DeLuna	Admin	9/17/2020	1	Timsheet. Admin support
Jacob	DeLuna	Admin	9/17/2020	1	Agenda Creation, Calendar creation for pre and follow up meeting
Jacob	DeLuna	Admin	9/18/2020	1.5	Inyofern Pre-meeting. Notes and follow-up items
Jacob	DeLuna	Admin	9/21/2020	0.75	Searles outreach, call with GM
Jacob	DeLuna	Admin	9/22/2020	1.5	Searles Work Plan Dev. Budget Call.
Jacob	DeLuna	Admin	9/23/2020	1.5	Searles work plan for review. Inyofern updates
Jacob	DeLuna	Admin	9/24/2020	1.5	Searles Work Plan Submittal. A conference call with Inyo team
Jacob	DeLuna	Admin	9/25/2020	1.5	Searles Work Plan final review and submission
Jacob	DeLuna	Admin	9/28/2020	0.75	Invoice tracking
Jacob	DeLuna	Admin	9/29/2020	0.75	Invoice tracking
Total Personnel:				15.25	

First Name	Last Name	Job Code	Date	Hours	Notes
Dustin	Hardwick	Admin	9/8/2020	1	Project Assistance
Dustin	Hardwick	Admin	9/15/2020	1	Project Assistance
Dustin	Hardwick	Admin	9/17/2020	1	Project Assistance
Dustin	Hardwick	Admin	9/22/2020	1	Project Assistance
Dustin	Hardwick	Admin	9/25/2020	1	Project Assistance
Total Personnel:				5	

First Name	Last Name	Job Code	Date	Hours	Notes
Mark	Hardison	Admin	9/18/2020	1	WWGA conference call with Jacob De Luna and Leak Detection team. Leak Detection team meeting.
Mark	Hardison	Onsite	9/2/2020	3	SGMA-IWVGA Inyofern CSD Kickoff meeting with Inyofern CSD.
Mark	Hardison	Onsite	9/3/2020	2	SGMA-IWVGA Inyofern CSD
Mark	Hardison	Onsite	9/22/2020	4	Onsite Leak Detection
Mark	Hardison	Onsite	9/23/2020	5.5	Onsite Leak Detection
Mark	Hardison	Onsite	9/24/2020	4	Onsite Leak Detection
Mark	Hardison	Reporting	9/25/2020	4	Reporting
Mark	Hardison	Travel	9/2/2020	2	SGMA-IWVGA Inyofern CSD
Mark	Hardison	Travel	9/3/2020	2.5	SGMA-IWVGA Inyofern CSD
Mark	Hardison	Travel	9/22/2020	2.5	Inyofern CSD to Hotel in Ridgecrest 0.25 Home Office in Colton to Inyofern CSD 2.25
Mark	Hardison	Travel	9/23/2020	0.5	Inyofern CSD to Hotel in Ridgecrest 0.25 Hotel in Ridgecrest to Inyofern CSD 0.25
Mark	Hardison	Travel	9/24/2020	2.5	Inyofern CSD to Home office in Colton 2.25 Hotel in Ridgecrest to Inyofern CSD 0.25
Total Personnel:				23.5	

First Name	Last Name	Job Code	Date	Hours	Notes
Abel	Silva	Admin	9/18/2020	1	Team call Per Jacob De Luna
Abel	Silva	Onsite	9/22/2020	4	Leak Audit
Abel	Silva	Onsite	9/23/2020	5.5	Leak Audit
Abel	Silva	Onsite	9/24/2020	4	Leak Audit
Abel	Silva	Travel	9/2/2020	5.5	3hrs schedule future work DWR AS 2 Shirts TRA home to Handsburg hotel 5.5 Shirts team meeting Per Michael Sims
Abel	Silva	Travel	9/3/2020	4.5	2.5hrs TRA Inyofern CSD to home. This meeting Inyofern CSD
Abel	Silva	Travel	9/22/2020	2.5	Home to Inyofern CSD
Abel	Silva	Travel	9/23/2020	0.5	Hotel to Inyofern CSD and back
Abel	Silva	Travel	9/24/2020	2.5	Inyofern CSD to home
Total Personnel:				34.5	

First Name	Last Name	Job Code	Date	Hours	Notes
Michael	Sims	Admin	9/2/2020	1	Prepping plan for tomorrow meeting
Michael	Sims	Admin	9/2/2020	3	Team Planning Meeting
Michael	Sims	Admin	9/4/2020	1	Admin expense report and revising a template for reporting
Michael	Sims	Admin	9/8/2020	1	Sent Jacob an outline of four onsite meeting for his records since our agreement has us filing monthly reports. I wanted to get my thoughts to help him furnish that report.
Michael	Sims	Admin	9/9/2020	2	Prepping maps and preparing plan for 1st phase of leak audit

Michael	Sims	Admin	9/10/2020	2	Prepping roaps and preparing plan for 3rd phase of leak audit and emailing Jack and Lauren
Michael	Sims	Admin	9/18/2020	0.75	WAGA-Invokern CSD Leak Detection weekly conference call meeting Jacob, Axel, Mark and Michael
Michael	Sims	Admin	9/21/2020	1	Team call prepping game plan
Michael	Sims	Admin	9/25/2020	0.5	Team call prepping call with Jacob
Michael	Sims	Admin	9/25/2020	2	Getting Invokern CSD maps copied to a pdf and extra paper copies at Feby/Trank's
Michael	Sims	Onsite	9/29/2020	3	Meeting with team; Jack Brackner-Gill and Lauren MacCalland/Office Mgr - going over the plan and procedures of leak detections, where to start and collecting data, materials, size of pipes, service connections, valves, meters, valve can and hydrants, etc
Michael	Sims	Onsite	9/22/2020	4	Started full system audit
Michael	Sims	Onsite	9/23/2020	3.5	2nd Day
Michael	Sims	Onsite	9/24/2020	4	3rd day
Michael	Sims	Travel	9/27/2020	4.5	To Baraburg
Michael	Sims	Travel	9/30/2020	0.5	To Invokern CSD
Michael	Sims	Travel	9/31/2020	6.5	To home
Michael	Sims	Travel	9/22/2020	2	Team lunch planning meeting 1.5 hours
Michael	Sims	Travel	9/22/2020	3.5	To Invokern CSD
Michael	Sims	Travel	9/23/2020	0.5	To Invokern CSD
Michael	Sims	Travel	9/23/2020	0.5	To home
Michael	Sims	Travel	9/24/2020	0.5	To Invokern CSD
Michael	Sims	Travel	9/24/2020	4	To home
			Total Personnel:	30.75	
			Total Travel:	20.5	

III. Staff Expense Forms & Equipment Receipts

California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program: *Inyokern CSD-IWVGA* Period: September 1, 2020

Name: Michael Sims
 Address to mail check: 12842 Casa Ct.
 City / State / Zip: Poway, CA 92064

Purpose of trip(s):

Per Diem Calculation

Total # of Quarters (From Details Sheet):				
12	X	13.75		165.00
4	X	15.25		61.00
0	X	16.50		0.00
0	X	17.75		0.00
0	X	19.00		0.00
Total Per Diem >>				\$226.00

Personal Vehicle Mileage

Total Mileage:	977	X \$0.575 per mile		
(From Details Sheet)	Total Mileage >>			\$561.78

Miscellaneous Expenses

Lodging				365.17
Phone				0.00
Air Fare				0.00
Rental Car / Taxi				0.00
Rental Car / Taxi				0.00
Postage				0.00
Supplies				137.20
Other				54.10
Total Personal Out-Of-Pocket Miscellaneous >>				\$556.47

Total Amount of Reimbursement: = \$1,344.25

Employee Signature: *Michael Sims* Date: *9-30-2020*
 Approval Signature: _____ Date: _____

Two Desert Diva's, LLC
Cottage Inn 130 Butte Ave Ransburg, CA 93554

\$91.23

Lace Room (\$90.00/Night) × 1 Night	\$90.00
Drink	\$4.75
VIP	-\$9.00
Purchase Subtotal	\$85.75
Sales Tax (7.25%)	\$0.34
Transient Occupancy Tax (6%)	\$5.14
Total	\$91.23

Two Desert Diva's, LLC



Visa 6349 (Swipe)

Sep 3
2020 at
7:42
AM
#VkBO
Auth
code:
07377C

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BY MARRIOTT

SPRINGHILL SUITES BY MARRIOTT® / RIDGECREST
113 East Sydnor Avenue, Ridgecrest, Ca 93555 P 760.446.1630
springhillsuites.com

Michael/Mr Sims	Room: 105			
12842 Casa Ct	Room Type: KSTE			
Poway CA 92064-5700	Number of Guests: 1			
California Rural Water As	Rate: \$121.00	Clerk: DLZ		
Arrive: 22Sep20	Time: 02:22PM	Depart: 24Sep20	Time: 06:45AM	Folio Number: 52049

DATE	DESCRIPTION	CHARGES	CREDITS
22Sep20	Room Charge	121.00	
22Sep20	City Tax	12.10	
22Sep20	Calif/Local Tourism Fee	0.24	
22Sep20	Convention and Tourism Tax	3.63	
23Sep20	Room Charge	121.00	
23Sep20	City Tax	12.10	
23Sep20	Calif/Local Tourism Fee	0.24	
23Sep20	Convention and Tourism Tax	3.63	
24Sep20	Visa		273.94
	Card #: VXXXXXXXXXXXX6349XXXX		
	Amount: 273.94 Auth: 06357C		
	This card was electronically swiped on 22Sep20		
	BALANCE:	0.00	

Marriott Bonvoy Account # XXXXX1558. Your Marriott Bonvoy points/miles earned on your eligible earnings will be credited to your account. Check your Marriott Bonvoy account statement or your online statement for updated activity.

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Inyo Kern CSD Maps & pdf

13413 Poway Rd
Poway, CA 92064-4713
Tel: (858) 679-3600

9/25/2020 3:27:09 PM PST
Team Member: Johnny L.
Customer: Michael Sims

SALE

plans	Qty 17	127.33
SS OS Scan LGE page	17 @	7.4900 T
051596 Reg. Price	9.99	
Price per piece	7.49	
Regular Total	169.83	
Discounts	42.50	

Sub-Total	127.33
Tax	9.87
Deposit	0.00
Total	137.20

***** PURCHASE *****
APPROVED

Total: \$137.20

Card Type: VISA
Card Entry: NFC CHIP
Acct #: *****6349

Approval Code: 04590C

***** EMV PURCHASE *****

App Label: VISA CREDIT
Mode: Issuer

AID: A0000000031010

TVR: 0000000000

IAD: 06021203A00000

TSI:

ARC: 00

AC: 05ABC856F00C99B0

CVM:

Total Tender	137.20
Change Due	0.00

Total Discounts 42.50

BERNARDINO RESTAURAN
6881 INYOKERN RD
INYOKERN, CA 93527
760-377-4012

Server ID: 1

Sale

XXXXXXXXXXXXXXXXXXXX6399
VISA

Entry Method: Swiped

Amount: \$

45.10

Tip:

9.00

Total:

54.10

09/22/20

13:50:27

Inv #: 00000014

Appr Code: 00835C

Apprvd: Online

Team Meeting

Customer Copy

THANK YOU!

Lunch

California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program: IWWGA Period: September 2020

Name: Abel Silva
 Address to mail check: 4994 N Mountain View Ave
 City / State / Zip: San Bernardino Ca 92407

Purpose of trip(s): Inyokern CSD leak audit
 Inyokern CSD meeting

Per Diem Calculation

Total # of Quarters (From Details Sheet):

1	X	13.75	13.75
16	X	15.25	244.00
0	X	16.50	0.00
0	X	17.75	0.00
0	X	19.00	0.00

Total Per Diem >> \$257.75

Personal Vehicle Mileage

Total Mileage: 621 X \$0.575 per mile
 (From Details Sheet)

Total Mileage >> \$357.08

Miscellaneous Expenses

Lodging	360.42
Phone	0.00
Air Fare	0.00
Rental Car / Taxi	0.00
Rental Car / Taxi	0.00
Postage	0.00
Supplies	0.00
Other	0.00

Total Personal Out-Of-Pocket Miscellaneous >> \$360.42

Total Amount of Reimbursement: = \$975.25

Employee Signature: *Abel Silva* Date: 10/1/2020

Approval Signature: Date:

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BY MARRIOTT

SPRINGHILL SUITES BY MARRIOTT® / RIDGECREST
113 East Sydnor Avenue, Ridgecrest, Ca 93555 ☎ 760.446.1630
springhillsuites.com

Abel/Mr Silva	Room: 336
4994 N Mountain View Ave	Room Type: KSTE
San Bernardino CA 92407	Number of Guests: 1
California Rural Water As	Rate: \$121.00 Clerk: DLZ
Arrive: 22Sep20 Time: 02:20PM	Depart: 24Sep20 Time: 06:56AM
	Folio Number: 52061

DATE	DESCRIPTION	CHARGES	CREDITS
22Sep20	Room Charge		
22Sep20	City Tax	121.00	
22Sep20	Calif/Local Tourism Fee	12.10	
22Sep20	Convention and Tourism Tax	0.24	
23Sep20	Market Beverage	3.63	
23Sep20	Sales Tax	2.50	
23Sep20	Room Charge	0.21	
23Sep20	City Tax	121.00	
23Sep20	Calif/Local Tourism Fee	12.10	
23Sep20	Convention and Tourism Tax	0.24	
24Sep20	Visa	3.63	

276.65

Card #: VXXXXXXXXXXXX2587XXXX

Amount: 276.65 Auth: 002017

This card was electronically swiped on 22Sep20

BALANCE: 0.00

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Two Desert Diva's, LLC

How was your experience?

\$91.23

Rose Room	\$90.00
(\$90.00/Night) × 1 Night	
805 Beer	\$4.75
VIP	-\$9.00
Purchase Subtotal	\$85.75
Sales Tax (7.25%)	\$0.34
Transient Occupancy Tax (6%)	\$5.14
Total	\$91.23

~~\$4.75~~ - \$186.48

\$186.48



Two Desert Diva's, LLC

Visa 4810 (Swipe)

ABEL F SILVA

Sep 3

2020

at 7:35

AM

#FSsU

Auth

code.

267772

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San Francisco, CA 94103

California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program: IWVGA-Inyo Kern CSD **Period:** Sept 2020

Name: Mark Hardison
Address to mail check: PO BOX 1466
City / State / Zip: Colton, Ca. 92324

Purpose of trip(s): 9/2-9/3: Leak Detection team meeting and Kickoff meeting with IWVGA-Inyokern CSD
 9/22-9/24: Onsite Leak Detection for IWVGA-Inyokern CSD.

Per Diem Calculation

Total # of Quarters (From Details Sheet):				
5	X	13.75		68.75
8	X	15.25		122.00
0	X	16.50		0.00
0	X	17.75		0.00
0	X	19.00		0.00
Total Per Diem >>				\$190.75


Personal Vehicle Mileage

Total Mileage: 554 X \$0.575 per mile
(From Details Sheet) **Total Mileage >>** \$318.55

Miscellaneous Expenses

Lodging				359.80
Phone				0.00
Air Fare				0.00
Rental Car / Taxi				0.00
Rental Car / Taxi				0.00
Postage				0.00
Supplies				0.00
Other				0.00
Total Personal Out-Of-Pocket Miscellaneous >>				\$359.80

Total Amount of Reimbursement: = \$869.10

Employee Signature:  **Date:** 10/2/2020
Approval Signature: **Date:**

Mark Hardison

From: Two Desert Diva's, LLC via Square <receipts@messaging.squareup.com>
Sent: Thursday, September 3, 2020 7:47 AM
To: Mark Hardison
Subject: Receipt from Two Desert Diva's, LLC

Cottonwood Inn
with 9/11/20

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\$85.86

<i>9/2/20</i>	
Wicker Room	\$90.00
(\$90.00/Night) × 1 Night	
VIP	-\$9.00
Purchase Subtotal	\$81.00
Transient Occupancy Tax (6%)	\$4.86
Total	\$85.86

COTTAGE INN
130 Butte Ave
RANDSBURG, CA. 93554



Two Desert Diva's, LLC

Visa 3615 (Swipe)

MARK D HARDISON

Sep 3

2020

at 7:45

AM

#pud4

Auth

code:

003212

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1455 Market Street, Suite 600

San Francisco, CA 94103



- A** 7060 Reche Canyon Rd, Colton, CA 92324
- B** Goats Sky Ranch, 130 Butte Ave, Randsburg, CA 93554

2 hr 01 min, 105 miles
 Light traffic (9 min delay)
 Via I-215 N, US-395 N

9/2/20: Travel from Home Office in Colton to Cottage Inn in Randsburg.

SGMA-IWVGA Inyokern CSD

A 7060 Reche Canyon Rd, Colton, CA 92324

↑	1.	Head northwest on Reche Canyon Rd toward Utility Access Rd S	2.6 mi
↶	2.	Turn left onto E Washington St	0.8 mi
	3.	Take ramp right for I-215 N / Riverside Fwy N Arby's on the corner	15.5 mi, 14 min
	4.	Keep straight onto I-15 N / Barstow Fwy N ▲ <i>Serious Congestion</i> ▲ <i>Construction: Incident on I-15 NB near CA-138, Allow extra time.</i>	15.1 mi, 23 min
↗	5.	At exit 141 , take ramp right for US-395 toward Adelanto / Bishop	1.2 mi
↗	6.	Bear right onto US-395 N / US Highway 395 ▲ <i>Serious Congestion</i>	67.3 mi, 1 hr 9 min
↶	7.	Turn left onto Kelly Mine	0.8 mi
↗	8.	Bear right onto Randsburg Loop	0.7 mi
↑	9.	Keep straight onto Randsburg Cutoff Rd	1.1 mi
↑	10.	Road name changes to Butte Ave	0.1 mi
	11.	Arrive at Butte Ave on the right The last intersection is Lexington Ave If you reach Jewell Rd, you've gone too far	

B Goa

These directic
Construction



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Maybe later

De



- A** Goats Sky Ranch, 130 Butte Ave, Randsburg, CA 93554
- B** Inyokern Community Service District, 1429 N Broadway, Inyokern, CA 93527
- C** 7060 Reche Canyon Rd, Colton, CA 92324

2 hr 46 min , 154 miles
 Light traffic
 Via US-395 N

9/3/20: Travel from Hotel in Randsburg to Inyokern CSD for Leak Detection kickoff meeting.
 Travel from Inyokern CSD to Home Office in Colton.
 -SGMA-IWVGA Inyokern CSD

A to B
 29 min (24.6 mi)

A Goats Sky Ranch

↑	1. Head west on Butte Ave toward Jewell Rd	456 ft
↗	2. Turn right onto Jewell Rd	266 ft
↖	3. Turn left onto Lexington Ave	0.2 mi
↗	4. Turn right onto Redrock Randsburg Rd	0.9 mi
↖	5. Turn left onto US-395 N / 3 Flags Hwy ▲ Moderate Congestion	21.9 mi, 23 min
↗	6. Take ramp right for CA-178 toward Inyokern / Ridgecrest	0.3 mi
↖	7. Turn left onto CA-178 / W Inyokern Rd	0.9 mi
↗	8. Turn right onto Broadway	381 ft
	9. Arrive at Broadway The last intersection is Ash Ave If you reach Orchard Ave, you've gone too far	

B Inyokern Community Service District

B to C
 2 hr 17 m



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Di

B Inyokern Community Service District

	1. Head south on Broadway toward Ash Ave	381 ft
↶	2. Turn left onto CA-178 / W Inyokern Rd	0.7 mi
↷	3. Take ramp right	0.3 mi
↑	4. Keep straight onto US-395 S ▲ <i>Serious Congestion</i>	92.2 mi, 1 hr 38 min
	5. Take ramp right for I-15 S / Barstow Fwy S ▲ <i>Moderate Congestion</i>	15.9 mi, 14 min
	6. At exit 123 , Bear right onto I-215 S / Barstow Fwy S toward Riverside / San Bernadino / I-215 South ▲ <i>Moderate Congestion</i> ▲ <i>Incident: Incident on I-215 SB near BASE LINE ST, Drive with caution.</i>	14.5 mi, 13 min
	7. At exit 40 , take ramp right for I-10 East toward Indio / Redlands ▲ <i>Serious Congestion</i>	1.1 mi
↷	8. At exit 73A , take ramp right toward Waterman Ave S	0.2 mi
	9. Turn sharp right onto E Redlands Blvd Popeyes Louisiana Kitchen on the corner	0.1 mi
↑	10. Keep straight onto W Redlands Blvd	0.2 mi
↶	11. Turn left onto Hunts Ln	0.2 mi
↑	12. Road name changes to S Hunts Ln	0.6 mi
↷	13. Turn right onto E Washington St	0.1 mi
↶	14. Turn left onto Reche Canyon Rd	2.6 mi
	15. Arrive at Reche Canyon Rd The last intersection is Utility Access Rd S If you reach Whittier St, you've gone too far	

C 7060 Reche Canyon Rd Colton CA 92324

These direct
Construction



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Dr

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Mark Hardison Room: 115
Please Complete Room Type: KSTE
Colton CA 92324 Number of Guests: 1
California Rural Water As Rate: \$121.00 Clerk: KFG
Arrive: 22Sep20 Time: 02:23PM Depart: 24Sep20 Time: 06:57AM Folio Number: 52126

DATE	DESCRIPTION	CHARGES	CREDITS
22Sep20	Room Charge	121.00	
22Sep20	City Tax	12.10	
22Sep20	Calif/Local Tourism Fee	0.24	
22Sep20	Convention and Tourism Tax	3.63	
23Sep20	Room Charge	121.00	
23Sep20	City Tax	12.10	
23Sep20	Calif/Local Tourism Fee	0.24	
23Sep20	Convention and Tourism Tax	3.63	
24Sep20	Visa		273.94
	Card #: VXXXXXXXXXXXX3615XXXX		
	Amount: 273.94 Auth: 022194		
	This card was electronically swiped on 22Sep20		
	BALANCE:	0.00	

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YOUR TRIP TO:

113 E Sydnor Ave

2 HR 26 MIN | 138 MI 

Est. fuel cost: \$11.30

Trip time based on traffic conditions as of 8:47 PM on October 3, 2020. Current Traffic: Light



Print a full health report of your car with HMM vehicle diagnostics (800) 906-2501

9/22/20: Home Office in Colton to Inyokern CSD for onsite Leak Detection. Travel Inyokern CSD to Hotel in Ridgecrest.



7060 Reche Canyon Rd, Colton, CA 92324-9345



1. Start out going **northwest** on Reche Canyon Rd toward Utility Access Rd.

Then 2.61 miles 2.61 total miles



2. Turn **left** onto E Washington St.

Then 0.83 miles 3.44 total miles



3. Merge onto I-215 N toward **San Bernardino**.

Then 15.44 miles 18.88 total miles



4. I-215 N becomes I-15 N.

Then 15.08 miles 33.96 total miles



5. Merge onto US-395 N via EXIT 141 toward **Adelanto/Bishop**.

Then 93.10 miles 127.06 total miles



6. Take the **CA-178** ramp toward **Inyokern/Ridgecrest**.

Then 0.37 miles 127.42 total miles



7. Turn **left** onto W Inyokern Rd/CA-178.

If you reach US-395 N you've gone about 0.3 miles too far.

Then 0.92 miles 128.34 total miles



8. Turn **right** onto Broadway.

Broadway is just past Brown Rd.

If you reach 2nd St you've gone a little too far.

Then 0.08 miles 128.42 total miles



9. 1429 BROADWAY is on the left.

Your destination is just past Ash Ave.

If you reach Orchard Ave you've gone a little too far.



Inyokern Community Service District

This leg of your trip is:

2 hours 9 minutes • 128.42 miles

Start of next leg of route



10. Start out going south on Broadway toward Ash Ave.

Then 0.08 miles

128.50 total miles



11. Take the 2nd left onto W Inyokern Rd/CA-178.

W Inyokern Rd is just past Ash Ave.

If you reach Locust Ave you've gone a little too far.

Then 8.17 miles

136.67 total miles



12. Turn right onto N China Lake Blvd/CA-178.

N China Lake Blvd is 0.1 miles past Triangle Dr.

If you reach the end of E Inyokern Rd you've gone a little too far.

Then 0.73 miles

137.41 total miles



13. Turn left onto E Sydnor Ave.

E Sydnor Ave is 0.2 miles past E Ward Ave.

If you reach Drummond Ave you've gone about 0.2 miles too far.

Then 0.12 miles

137.53 total miles



14. 113 E Sydnor Ave, Ridgecrest, CA 93555-5546, 113 E SYDNOR AVE is on the right.

If you reach Chelsea St you've gone a little too far.



113 E Sydnor Ave, Ridgecrest, CA 93555-5546

This leg of your trip is:

12 minutes • 9.11 miles

Save to My Maps

YOUR TRIP TO:

113 E Sydnor Ave

24 MIN | 18.2 MI 

Est. fuel cost: \$2.33

Trip time based on traffic conditions as of 8:52 PM on October 3, 2020. Current Traffic: Light



Print a full health report of your car with HUM vehicle diagnostics (800) 906-2501

9/23/20: Hotel In Ridgecrest to Inyokern CSD for Onsite Leak Detection. Travel back to Hotel in Ridgecrest



113 E Sydnor Ave, Ridgecrest, CA 93555-5546



1. Start out going **west** on E Sydnor Ave toward N China Lake Blvd/CA-178.

Then 0.12 miles 0.12 total miles



2. Turn **right** onto N China Lake Blvd/CA-178.

Then 0.73 miles 0.85 total miles



3. Turn **left** onto W Inyokern Rd/CA-178.

Then 8.17 miles 9.03 total miles



4. Turn **right** onto Broadway.

Then 0.08 miles 9.10 total miles



5. 1429 BROADWAY is on the left.



Inyokern Community Service District

This leg of your trip is:
12 minutes • 9.10 miles

Start of next leg of route



6. Start out going **south** on Broadway toward Ash Ave.

Then 0.08 miles 9.18 total miles



7. Take the 2nd **left** onto W Inyokern Rd/CA-178.

Then 8.17 miles 17.35 total miles



8. Turn **right** onto N China Lake Blvd/CA-178.

Then 0.73 miles 18.09 total miles

10/3/2020

113 E Sydnor Ave, Ridgecrest, CA 93555-5546 to 113 E Sydnor Ave Directions - MapQuest



9. Turn left onto E Sydnor Ave.

Then 0.12 miles

18.21 total miles




10. 113 E Sydnor Ave, Ridgecrest, CA 93555-5546, 113 E SYDNOR AVE is on the right.



113 E Sydnor Ave, Ridgecrest, CA 93555-5546

This leg of your trip is:

12 minutes • 9.11 miles

 Save to My Maps

Use of directions and maps is subject to our [Terms of Use](#). We don't guarantee accuracy, route conditions or usability. You assume all risk of use.

YOUR TRIP TO:

7060 Reche Canyon Rd

2 HR 31 MIN | 138 MI 

Est. fuel cost: \$12.70

Trip time based on traffic conditions as of 8:57 PM on October 3, 2020. Current Traffic: Light



Print a full health report of your car with HUM vehicle diagnostics (800) 906-2501

9/24/20: Hotel in Ridgecrest to Inyokern CSD for Onsite Leak Detection. Travel back to Home Office in Colton.



113 E Sydnor Ave, Ridgecrest, CA 93555-5546



1. Start out going **west** on E Sydnor Ave toward N China Lake Blvd/CA-178.

Then 0.12 miles 0.12 total miles



2. Turn **right** onto N China Lake Blvd/CA-178.

Then 0.73 miles 0.85 total miles



3. Turn **left** onto W Inyokern Rd/CA-178.

Then 8.17 miles 9.03 total miles



4. Turn **right** onto Broadway.

Then 0.08 miles 9.10 total miles



5. 1429 BROADWAY is on the **left**.



Inyokern Community Service District

This leg of your trip is:

12 minutes • 9.10 miles

Start of next leg of route



6. Start out going **south** on Broadway toward Ash Ave.

Then 0.08 miles 9.18 total miles



7. Take the 2nd **left** onto W Inyokern Rd/CA-178.

Then 0.69 miles 9.87 total miles



8. Merge onto US-395 S.

Then 93.05 miles 102.91 total miles

10/3/2020

113 E Sydnor Ave, Ridgecrest, CA 93555-5546 to 7060 Reche Canyon Rd Directions - MapQuest



9. Stay straight to go onto Historic Route 66/I-15 S. Continue to follow I-15 S.

Then 15.22 miles 118.13 total miles



10. Merge onto I-215 S via EXIT 123 toward San Bernadino/Riverside.

Then 16.19 miles 134.32 total miles



11. Take the Mt Vernon Ave exit, EXIT 39, toward Loma Linda.

Then 0.20 miles 134.52 total miles



12. Merge onto E Washington St.

Then 1.14 miles 135.66 total miles



13. Turn right onto Reche Canyon Rd.

Then 2.60 miles 138.26 total miles



14. 7060 Reche Canyon Rd, Colton, CA 92324-9345, 7060 RECHE CANYON RD is on the left.



7060 Reche Canyon Rd, Colton, CA 92324-9345

This leg of your trip is:

2 hours 8 minutes • 129.16 miles

Save to My Maps

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California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program: IWVGA- Inyokern CSD

Period: September 2020

Name: Jacob DeLuna
Address to mail check: 2317 N St. Apt #4
City / State / Zip: Sacramento Ca 95816

Purpose of trip(s): Hydro pack purchase for Able S.

Per Diem Calculation

Total # of Quarters (From Details Sheet):

0	X	13.75	0.00
0	X	15.25	0.00
0	X	16.50	0.00
0	X	17.75	0.00
0	X	19.00	0.00

Total Per Diem >> \$0.00

Personal Vehicle Mileage

Total Mileage: - X \$0.575 per mile
 (From Details Sheet)

Total Mileage >> \$0.00

Miscellaneous Expenses

Lodging	0.00
Phone	0.00
Air Fare	0.00
Rental Car / Taxi	0.00
Parking / Tolls	0.00
Postage	0.00
Supplies	31.31
Other	0.00

Total Personal Out-Of-Pocket Miscellaneous >> \$31.31

Total Amount of Reimbursement: = \$31.31

Employee Signature: Jacob DeLuna

Date: 10/6/2020

Approval Signature:

Date:

northamerican EMBROIDERY

435 Kietzke Ln ★ Reno, NV 89502 ★ 775-322-8600
NAEUSA.COM

Invoice: 12352

Date Ordered: 9/14/20
Date Invoiced: 9/24/20
Date Due: 10/24/20

Ordered By	Phone	Fax	Email
Michael Sims			msims@caliruralwater.org

**CALIFORNIA RURAL WATER
ASSOCIATION**
1234 NORTH MARKET BLVD
SACRAMENTO, CA 95834

SHIP TO:
CALIFORNIA RURAL WATER ASSOCIATION
12842 CSSA COURT
POWAY, CA 92064

Customer #	PO Number	Terms	Salesperson	Ship Method
401		Net 30	Janet Catalan	UPS Ground Commercial

Qty	Part Number	Color	Description	Size	S	M	L	XL	XXL	Other	Unit Price	Total Price
4	29M_2X	S.Green	Jerzees - Dri-Power Active 50/50 Cotton/Poly T-Shirt.						4		18.95	75.80
2	29M_4X	S.Green	Jerzees - Dri-Power Active 50/50 Cotton/Poly T-Shirt.							2	20.95	41.90

6

Subtotal	117.70
Sales Tax	
Shipping	
Total	117.70
Paid	
Balance	117.70

Note:

Shipping cost included on Invoice #12351

SEE WHAT'S NEW AT NAEUSA.COM



northamerican EMBROIDERY

435 Kietzke Ln ★ Reno, NV 89502 ★ 775-322-8600
NAEUSA.COM

Invoice: 12351

Date Ordered: 9/14/20
Date Invoiced: 9/24/20
Date Due: 10/24/20

Ordered By	Phone	Fax	Email
Michael Sims			msims@caliruralwater.org

CALIFORNIA RURAL WATER ASSOCIATION

1234 NORTH MARKET BLVD
SACRAMENTO, CA 95834

SHIP TO:
CALIFORNIA RURAL WATER ASSOCIATION
12842 CSSA COURT
POWAY, CA 92064

Customer #	PO Number	Terms	Salesperson	Ship Method
401		Net 30	Janet Catalan	UPS Ground Commercial

Qty	Part Number	Color	Description	Size	S	M	L	XL	XXL	Other	Unit Price	Total Price
4	CT100410_2x	Hth Grey	Carhartt Force Cotton Delmont Short Sleeve T-Shirt.						4		24.25	97.00
2	CT100410_4x	Hth Grey	Carhartt Force Cotton Delmont Short Sleeve T-Shirt.							2	26.25	52.50

6

Subtotal	149.50
Sales Tax	
Shipping	17.29
Total	166.79
Paid	
Balance	166.79

Note:

SEE WHAT'S NEW AT NAEUSA.COM



10/6/2020

Amazon.com - Order 112-4740333-9517047

Amazon.com - Order 112-4740333-9517047

10/6/2020



Final Details for Order #112-4740333-9517047

[Print this page for your records.](#)

2317 N ST APT 4
SACRAMENTO, CA 95816-5727
United States

Estimated tax to be collected: \$2.32
Grand Total: \$31.31

Order Placed: September 25, 2020
Amazon.com order number: 112-4740333-9517047
Order Total: \$31.31

Credit Card transactions Visa ending in 1057: September 25, 2020: \$31.31

To view the status of your order, return to [Order Summary](#).

Shipped on September 25, 2020

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Items Ordered

1 of: G4Free Hydration Pack Sports Runner Hydration Backpack with Bladder (19.68"x 8.26"x 4.72")(Black)
Sold by: G4Free direct ([seller profile](#))

Price
\$28.99

Condition: New

Shipping Address:

Abel Silva
4994 N MOUNTAIN VIEW AVE
SAN BERNARDINO, CA 92407-3218
United States

Shipping Speed:
One-Day Shipping

Payment information

Payment Method: Visa | Last digits: 1057
Item(s) Subtotal: \$28.99
Shipping & Handling: \$0.00
Billing address: Jacob Deluna
Total before tax: \$28.99



Fluid Conservation Systems, Inc.
 502 TechneCenter Dr.
 Suite B
 Milford, OH 45150

INVOICE

Fed ID No. 74-2619979
 Phone (513) 831-9335
 Fax (513) 831-9336

Invoice Address:

CALIFORNIA RURAL WATER ASSOCIATION
 1234 NORTH MARKET BOULEVARD
 SACRAMENTO, CA 95834

Delivery Address:

CALIFORNIA RURAL WATER ASSOCIATION
 MICHAEL SIMS
 12842 CASA CT.
 POWAY, CA 92064

Purchase Order Ref.	Account	Our Ref.	F.O.B.	Type	Date	Invoice No.
MICHAEL SIMS	CRWA	9904	ORIGIN	INV Page: 1	09/25/2020	9341
Description	Quantity	Price \$	Discount \$	Net \$ *		
RMA 10011500 #1898		0.00		0.00 0		
TRICORR P0717-0016		0.00		0.00 0		
CHAAS1010 CHARGER ASSEMBLY	1.00	90.00 Each	27.00	63.00 0		
RMA 10011499 #1899		0.00		0.00 0		
TRICORR P1017-0011		0.00		0.00 0		
BAT3097 MC Digital BATTERY PACK LITHIUM-ION 2s2pICR-18650F- NEW NUMBER MGL28102 FOR THE BLUE OUTSTATION	1.00	170.00 Each		170.00 0		



Fluid Conservation Systems, Inc.
 502 TechneCenter Dr.
 Suite B
 Milford, OH 45150

INVOICE

Fed ID No. 74-2619979
 Phone (513) 831-9335
 Fax (513) 831-9336

Invoice Address:

CALIFORNIA RURAL WATER ASSOCIATION
 1234 NORTH MARKET BOULEVARD
 SACRAMENTO, CA 95834

Delivery Address:

CALIFORNIA RURAL WATER ASSOCIATION
 MICHAEL SIMS
 12842 CASA CT.
 POWAY, CA 92064

Purchase Order Ref.	Account	Our Ref.	F.O.B.	Type	Date	Invoice No.
MICHAEL SIMS	CRWA	9904	ORIGIN	INV Page: 2	09/25/2020	9341
Description	Quantity	Price \$	Discount \$	Net \$ *		
DXHEADSET DAVID CLARK HEADSET MODEL 18 12416G-18	1.00	350.00 Each		350.00 0		
REPAIR LABOR TRICORR MAINTENANCE PROGRAM	1.00	349.00		349.00 0		
FREIGHT W90	1.00	100.00		100.00 1		
INCLUDES 90 DAY WARRANTY ON LABOR AND 1 YEAR WARRANTY ON PARTS FROM DATE OF INVOICE	1.00	0.00		0.00 0		

50% of Total invoice only

FOB ORIGIN

Net \$	1032.00
Sales TAX \$	0.00
Total \$	1032.00
Due By	10/25/2020

All business is subject to our Terms & Conditions which can be found at: <http://www.fluidconservation.com/terms.htm>
 A Halma Group Company

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California

Rural Water Association

October 10, 2020

Indian Wells Valley Groundwater Authority
Attn: Don Zdeba
500 W. Ridgecrest Blvd
Ridgecrest, CA 93555

Dear Mr. Zdeba:

Provided is our report and invoice for October 1, 2020 – October 31, 2020. This information pertains to the *Inyokern CSD Workplan*. Please feel free to contact me if you have any questions, comments, or concerns; my contact information is listed below.

The packet includes the following:

- Invoice
- Timesheets
- Expense reports & corresponding receipts
- Progress Report

Sincerely,

A handwritten signature in black ink that reads "Dustin Hardwick".

Dustin Hardwick
Director of Resource Development
California Rural Water Association
1234 N. Market Boulevard
Sacramento, CA 95834
Phone: (760) 920-0842
Email: dhardwick@calruralwater.org



I. Invoice & Detail Cost



California Rural Water Association

California Rural Water Association
 Invoice Time Period: October 1 2020- October 31 2020

INVOICE

To: Indian Wells Valley Groundwater Authority
 Attn: Don Zdeba
 500 W. Ridgecrest Blvd
 Ridgecrest CA, 93555

Invoice #: ICSD-FSLD-A-002
Invoice Date: 11/10/2020
Terms: Net 30 Days

Pay: California Rural Water Association
 1234 North Market Blvd.
 Sacramento, CA 95834

Project Name: IWVGA Work Plan ICSD-FSLD-A

CWSRF			
Work Type	Description of work	Date	Cost
ADMIN	Admin and project support	Invoice period	\$ 1,061.25
Technician	Inyokern FSLD	Invoice period	\$ 7,445.00
Technician	Travel Hours	Invoice period	\$ 2,372.50
Travel Expenditures			
Name	Description of Travel	Cost	
Michael Sims	Milage, Lodging, Meals, incidentals	\$ 600.86	
Abel Silva	Milage, Lodging, Meals	\$ 853.87	
Mark Hardison	Milage, Lodging, Meals	\$ 630.61	
Equipment			
Name	Description of Equipment	Cost	
Michael Sims	Hand probe maint. & Repair	\$ 189.00	
INVOICE TOTAL:			\$ 13,153.09

Submitted by:
 Dustin Hardwick, Deputy Director
 California Rural Water Association

Dustin Hardwick

Signature

11/10/2020

Date



California

Rural Water Association

Expenditure Tracking

Invoice #	Amount
ICSD-FSLD-A-001	\$16,457.40
ICSD-FSLD-A-002	\$13,153.09
Total	\$29,610.49

IWVGA Program- Inyokern CSD Full System Leak Detection

Below should reflect all direct Project Management and Administration Costs:

Date of Invoice or Receipt	Description	Rate	Hours	Amount this Invoice for PM and Admin
A. Personnel				
	Name of Employee			
For All Dates within Invoice Period	Dustin Hardwick	\$75	7.00	\$ 525.00
For All Dates within Invoice Period	Jacob DeLuna	\$33	16.25	\$ 536.25
For All Dates within Invoice Period				
For All Dates within Invoice Period				
For All Dates within Invoice Period				
For All Dates within Invoice Period				
	A. Subtotal =		23.25	\$ 1,061.25
B. Expenses and Supplies				
	<i>N/A</i>			
	B. Subtotal =			
C. Equipment				
	<i>N/A</i>			
	C. Subtotal =			
D. Travel				
	<i>N/A</i>			
	D. Subtotal =			
E. Professional and Consultant Services				
	<i>N/A</i>			
	E. Subtotal =			\$ 1,061.25

below should reflect all direct Technician Costs (costs tied to a Invokern CSD Work Plan):

Date of Invoice or Receipt	Name of Employee	Description	Rate	Hours	Amount this Invoice for PM and Admin
A. Personnel					
For All Dates within Invoice Period	Michael Sims		\$715	35	\$ 4,025.00
For All Dates within Invoice Period	Abel Silva		\$90	17	\$ 1,530.00
For All Dates within Invoice Period	Mark Hardison		\$90	21	\$ 1,890.00
For All Dates within Invoice Period					
For All Dates within Invoice Period					
For All Dates within Invoice Period					
For All Dates within Invoice Period					
	A. Subtotal =			73.00	\$ 7,445.00
C. Equipment					
	Description of Equipment				
	Field equipment for personnel surveying		\$ 189.00		\$ 189.00
	B. Subtotal =				\$ 189.00
C. Travel Expenditures					
	Description of Expenditures				
	Meals, Lodging, Mileage, Map conversion for Inyo CSD Systems				\$ 600.86
	Meals, Lodging, Mileage				\$ 853.87
	Meals, Lodging, Mileage				\$ 630.61
	C. Subtotal =				\$ 2,085.34
D. Travel Hours					
	Description of Travel (when, where, why, who, type of expense, etc.)				
	Travel from home to system, from lodging to System, from system to home		\$715	8.5	\$ 977.50
	Travel from home to system, from lodging to System, from system to home		\$90	8.5	\$ 765.00
	Travel from home to system, from lodging to System, from system to home			7	\$ 630.00
	D. Subtotal =			24	\$ 2,372.50
E. Professional and Consultant Services					
	Name of Consultant				
	E. Subtotal =				\$ 12,091.84

II. Timesheets

First Name	Last Name	Job Code	Date	hours	notes
Jacob	DeLuna	Admin	10/7/2020	2	Expense report processing, Invokern, Workplan Searles DWC Work Plan comments addressed
Jacob	DeLuna	Admin	10/5/2020	1.5	Timesheet collection and expense reporting
Jacob	DeLuna	Admin	10/8/2020	1.25	Equipment invoicing
Jacob	DeLuna	Admin	10/9/2020	1.5	Searles Work plan edits, Inquiries addressed from Stetson. Invoice packet inquiry
Jacob	DeLuna	Admin	10/12/2020	1.25	Gen contract inquiry answers for Stetson. Invoice packet submission
Jacob	DeLuna	Admin	10/13/2020	0.5	Invoice packet follow up, budget tracking update
Jacob	DeLuna	Admin	10/14/2020	2	Internal Progress report call, Budget tracker update
Jacob	DeLuna	Admin	10/15/2020	1.25	WVGA small Systems research for potential work plans
Jacob	DeLuna	Admin	10/19/2020	1	Correspondence with M. Sims and set up for an internal conference call
Jacob	DeLuna	Admin	10/20/2020	1.25	SDAC system contact followup, contact with Don Zdeba.
Jacob	DeLuna	Admin	10/21/2020	0.5	Budget tracking update
Jacob	DeLuna	Admin	10/27/2020	0.25	Email to techs for timesheet and expense report reminder
Jacob	DeLuna	Admin	10/28/2020	1	Budget calculations, conf call prep
Jacob	DeLuna	Admin	10/29/2020	0.5	Budget tracker update, progress update Michael Sims
Jacob	DeLuna	Admin	10/30/2020	0.5	Progress report document review Michael Sims saved to the internal folder
Total Travel:			0	Total Person:	16.25

First Name	Last Name	Job Code	Date	hours	notes
Dustin	Hardwick	Admin	10/7/2020	1	Project management & Admin support
Dustin	Hardwick	Admin	10/9/2020	1	Project management & Admin support
Dustin	Hardwick	Admin	10/11/2020	1	Project management & Admin support
Dustin	Hardwick	Admin	10/12/2020	1	Project management & Admin support
Dustin	Hardwick	Admin	10/14/2020	1	Project management & Admin support
Dustin	Hardwick	Admin	10/20/2020	1	Project management & Admin support
Dustin	Hardwick	Admin	10/27/2020	1	Project management & Admin support
Total Travel:			0	Total Person:	7

First Name	Last Name	Job Code	Date	hours	notes
Mark	Hardison	Admin	10/2/2020	2	Strategy Meeting in Temecula for Leak Detection Team.
				2	Travel from Colton to Temecula for Leak Detection Strategy Meeting. 1.0
Mark	Hardison	Travel	10/2/2020	2	Travel back to Colton. 1.0
					Travel from Ridgecrest to Searles Valley 0.5
					Preview Argus, Pioneer Point, Trona, Westend systems for future Leak detection. 1.0
Mark	Hardison	Travel	10/6/2020	2	Travel back to Ridgecrest. 0.5
Mark	Hardison	Travel	10/6/2020	2.25	Travel from Home Office in Colton to Inyokern CSD for Onsite Leak Detection. 2.0
Mark	Hardison	Onsite	10/6/2020	4.5	Onsite Leak Detection
Mark	Hardison	Travel	10/7/2020	0.5	Travel Hotel in Ridgecrest to Inyokern CSD. 0.25
Mark	Hardison	Onsite	10/7/2020	4.5	Onsite Leak Detection
					Travel from Hotel in Ridgecrest to Inyokern CSD. 0.25
					Travel from Inyokern CSD back to Home Office in Colton. 2.0
Mark	Hardison	Travel	10/8/2020	2.25	
Mark	Hardison	Onsite	10/8/2020	4.5	Onsite Leak Detection
Mark	Hardison	Reporting	10/12/2020	2	Reporting data from onsite Leak Detection Oct-6-8-2020.
Mark	Hardison	Reporting	10/14/2020	1.5	Reporting
Total Travel:		7	Total Person	21	

First Name	Last Name	Job Code	Date	hours	notes
Abel	Silva	Travel	10/2/2020	2	1hr travel to Penifolds/1hr travel back home
Abel	Silva	Admin	10/2/2020	2	Team Meeting
Abel	Silva	Travel	10/6/2020	0.25	Inyokern CSD to Hotel
Abel	Silva	Travel	10/6/2020	2.75	Home to Inyokern CSD
Abel	Silva	Onsite	10/6/2020	5	Leak Detection
Abel	Silva	Travel	10/7/2020	0.25	Hotel to Inyokern CSD
Abel	Silva	Travel	10/7/2020	0.25	Inyokern CSD to Hotel
Abel	Silva	Onsite	10/7/2020	5	Leak Detection
Abel	Silva	Travel	10/8/2020	0.25	Hotel to Inyokern CSD
Abel	Silva	Travel	10/8/2020	2.75	Inyokern CSD to Home
Abel	Silva	Onsite	10/8/2020	5	Leak Detection
Total Travel:		8.5	Total Person	17	

First Name	Last Name	Job Code	Date	hours	notes
Michael	Sims	Admin	10/5/2020	2	Prepping this weeks plan on site with Jack and Lauren and team
Michael	Sims	Travel	10/6/2020	0.5	To hotel
Michael	Sims	Admin	10/6/2020	2	Team strategy meeting
Michael	Sims	Travel	10/6/2020	3.5	To Inyokern CSD
Michael	Sims	Onsite	10/6/2020	4	Continue onsite full leak audit
Michael	Sims	Travel	10/7/2020	0.5	To Inyokern CSD
Michael	Sims	Onsite	10/7/2020	4	Continue onsite full leak audit
Michael	Sims	Travel	10/7/2020	4	To home
Michael	Sims	Admin	10/9/2020	2	Spoke with Jacob on IWVGA updates on all five systems with a Budget Tracking spreadsheet. I will be sending a monthly update via email.
Michael	Sims	Admin	10/12/2020	2	September monthly report on Inyokern CSD for Jacobs invoicing
Michael	Sims	Admin	10/14/2020	1	Conference call with Dustin and Jacob on IWVGA Progress, Current Work Plans, Future Work Plans, Budget.
Michael	Sims	Reporting	10/14/2020	2	Prepping new templates and inputting data on ground micing meter boxes
Michael	Sims	Reporting	10/16/2020	4	Creating new templates for IWVGA reporting and creating maps of the area for each system in searles valley
Michael	Sims	Reporting	10/26/2020	2	Working on diamond Maps and Google Earth making maps of system for reporting

Michael	Sims	Reporting	10/26/2020	2	Inputting address from onsite onto template report
Michael	Sims	Reporting	10/26/2020	4	Inputting data and creating new template for Inyokern CSD
					Internal call with Jacob.
Michael	Sims	Admin	10/29/2020	2	IWVGA-Inyokern CSD Progress Update
Michael	Sims	Admin	10/30/2020	2	Expense report
				2	Working on diamond Maps and Google Earth making maps of system for reporting.
Total Travel:			8.5	Total Person	35

III. Expense Forms

California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program: Inyokern CSD-IWVGA **Period:** October 1, 2020

Name: Michael Sims
Address to mail check: 12842 Casa Ct.
City / State / Zip: Poway, CA 92064

Purpose of trip(s):

Per Diem Calculation

Total # of Quarters (From Details Sheet):				
3	X	13.75		41.25
3	X	15.25		45.75
0	X	16.50		0.00
0	X	17.75		0.00
0	X	19.00		0.00
Total Per Diem >>				\$87.00

Personal Vehicle Mileage

Total Mileage:	555	X \$0.575 per mile		
(From Details Sheet)	Total Mileage >>			\$319.13

Miscellaneous Expenses

Lodging				136.97
Phone				0.00
Air Fare				0.00
Rental Car / Taxi				0.00
Rental Car / Taxi				0.00
Postage				0.00
Supplies				0.00
Other				57.76
Total Personal Out-Of-Pocket Miscellaneous >>				\$194.73

Total Amount of Reimbursement: = \$600.86

Employee Signature: *Michael Sims* **Date:** 10/30/2020

Approval Signature: _____ **Date:** _____

INVCSD-Planning

0061

Lunch Meeting

Server: TYLER L (#143) Rec: 31
10/06/20 17:05, Chip T: 995 Term: 2

Abe(-Mark-Michael)

SCHOONER'S
1400 N. Norma Street
Ridgecrest, Ca 93555
(760)446-2700

MID: 45033908880=SCHOON

VISA: xxxxxxxxxxxx6349
Approval Code: 05318C
Entry: CHIP
App Label: CHASE VISA
AID: A000000031010
TVR: 00000800C
IAD: 0602120360A006
TSI: E800
ARC: 00
CVM: SIGN

CHECK :	48.95
TIP :	<u>8.81</u>
TOTAL :	<u>57.76</u>

top copy -> customer

Customer Copy

California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program: Resource Development / IWVGA **Period:** Oct 2020

Name: Abel Silva
Address to mail check: 4994 N Mountain View Ave
City / State / Zip: San Bernardino CA 92407

Purpose of trip(s): Inyokern CSD
 Inyokern CSD Team meeting

Per Diem Calculation

Total # of Quarters (From Details Sheet):			
0	X	13.75	0.00
11	X	15.25	167.75
0	X	16.50	0.00
0	X	17.75	0.00
0	X	19.00	0.00
Total Per Diem >>			\$167.75

Personal Vehicle Mileage

Total Mileage:	436	X \$0.575 per mile	
(From Details Sheet)	Total Mileage >>		\$250.70

Miscellaneous Expenses

Lodging	273.94
Phone	0.00
Air Fare	0.00
Rental Car / Taxi	0.00
Rental Car / Taxi	0.00
Postage	0.00
Supplies	161.48
Other	0.00
Total Personal Out-Of-Pocket Miscellaneous >>	\$435.42

Total Amount of Reimbursement: = \$853.87

Employee Signature: *Abel Silva* **Date:** 11/1/2020

Approval Signature: **Date:**

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SPRINGHILL SUITES BY MARRIOTT[®] / RIDGECREST
113 East Sydnor Avenue, Ridgecrest, Ca 93555 P 760.446.1630
springhillsuites.com

Abel/Mr Silva
4994 N Mountain View Ave
San Bernardino CA 92407
California Rural Water As

Room: 309
Room Type: QQST
Number of Guests: 1
Rate: \$121.00 Clerk: KFG

Arrive: 06Oct20

Time: 01:21PM

Depart: 08Oct20

Time: 07:28AM

Folio Number: 52989

DATE	DESCRIPTION	CHARGES	CREDITS
06Oct20	Room Charge	121.00	
06Oct20	City Tax	12.10	
06Oct20	Calif/Local Tourism Fee	0.24	
06Oct20	Convention and Tourism Tax	3.63	
07Oct20	Market Beverage	2.50	
07Oct20	Sales Tax	0.21	
07Oct20	Room Charge	121.00	
07Oct20	City Tax	12.10	
07Oct20	Calif/Local Tourism Fee	0.24	
07Oct20	Convention and Tourism Tax	3.63	
08Oct20	Visa		276.65
		Card #: VXXXXXXXXXXXX4810/XXXX Amount: 276.65 Auth: 182139 This card was electronically swiped on 06Oct20	
		BALANCE:	0.00

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BOOT BARNSM

Riverside
3396 Tyler Street
Riverside, CA 92503-536
Telephone: (951)354-9200

SALE

Customer Name: ABEL SILVA
Customer Number: 7710000061035388
Loyalty Type: Gold Membership
Points: 120

<Slsprsn: William No. 038283>

400016209341 GB00128 AMPLITUDE SO	164.99
10% Item Reason Discount	-16.50
REASON: Military Discount	
Subtotal	\$148.49
Sales Tax 8.750	12.99
Total	\$161.48

You Saved \$16.50

PURCHASE
Debit \$161.48

Auth#: 827659
Capture Method: SWIPE
Cardholder Name: ORONA/STEPHANIE J
Card Number: XXXXXXXXXXXX5742

Please Retain for Your Records

Store: 0006 Reg: 02 Tran: 210011
Date: 10/21/2020 2:46:00 PM Assoc: 031017

Item(s) Sold: 1
Item(s) Returned: 0

California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program: SGMA-IWVGA Inyokern CSD **Period:** October 2020

Name: Mark Hardison
Address to mail check: PO BOX 1466
City / State / Zip: Colton, CA. 92324

Purpose of trip(s): 10/2/20: Leak Detection Team Strategy Meeting.
 10/6/20-10/8/20: Onsite Leak Detection

Per Diem Calculation

Total # of Quarters (From Details Sheet):

1	X	13.75	13.75
8	X	15.25	122.00
0	X	16.50	0.00
0	X	17.75	0.00
0	X	19.00	0.00

Total Per Diem >> \$135.75

Personal Vehicle Mileage


Total Mileage: 384 X \$0.575 per mile
(From Details Sheet) **Total Mileage >>** \$220.92

Miscellaneous Expenses

Lodging		273.94
Phone		0.00
Air Fare		0.00
Rental Car / Taxi		0.00
Rental Car / Taxi		0.00
Postage		0.00
Supplies		0.00
Other		0.00

Total Personal Out-Of-Pocket Miscellaneous >> \$273.94

Total Amount of Reimbursement: = \$630.61

Employee Signature *Mark Hardison*  **Date:** 10/30/2020

Approval Signature: **Date:**

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BY MARRIOTT

SPRINGHILL SUITES BY MARRIOTT® / RIDGECREST
113 East Sydnor Avenue, Ridgecrest, Ca 93555 P 760.446.1630
springhillsuites.com

Mark Hardison	Room: 121
Po Box 1466	Room Type: KSTE
Colton CA 92324	Number of Guests: 1
Cal Rural Watr Dept	Rate: \$121.00 Clerk: KFG
Arrive: 06Oct20 Time: 01:25PM	Depart: 08Oct20 Time: 07:22AM Folio Number: 52969

DATE	DESCRIPTION	CHARGES	CREDITS
06Oct20	Room Charge	121.00	
06Oct20	City Tax	12.10	
06Oct20	Calif/Local Tourism Fee	0.24	
06Oct20	Convention and Tourism Tax	3.63	
07Oct20	Room Charge	121.00	
07Oct20	City Tax	12.10	
07Oct20	Calif/Local Tourism Fee	0.24	
07Oct20	Convention and Tourism Tax	3.63	
08Oct20	Visa		273.94

Card #: VXXXXXXXXXXXX3615XXXX
Amount: 273.94 Auth: 006864

BALANCE: 0.00

Marriott Bonvoy Account # XXXX6502. Your Marriott Bonvoy points/miles earned on your eligible earnings will be credited to your account. Check your Marriott Bonvoy account statement or your online statement for updated activity.

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- A** 7060 Reche Canyon Rd, Colton, CA 92324
- B** Temecula, CA
- C** 7060 Reche Canyon Rd, Colton, CA 92324

1 hr 37 min, 90 miles
 Light traffic
 Via I-215 S

10/2/20: Travel from Colton to Temecula for Leak Detection Strategy Meeting. 1.0
 Travel back to Colton. 1.0
 SGMA-IWVGA

A to B
 47 min (45.1 mi)










A 7060 Reche Canyon Rd, Colton, CA 92324

↑	1.	Head southeast on Reche Canyon Rd toward Whittier St	3.3 mi
↗	2.	Turn right onto Reche Vista Dr	1.6 mi
↘	3.	Turn right to stay on Reche Vista Dr	1.1 mi
↑	4.	Keep straight onto Heacock St	1.6 mi
60	5.	Take ramp right for CA-60 toward Riverside	2.7 mi
215	6.	At exit 58 , take ramp right for I-215 South toward San Diego <small>▲ Minor Congestion</small>	30.8 mi, 26 min
15	7.	Keep straight onto I-15 S / Escondido Fwy S	2.7 mi
↗	8.	At exit 59 , take ramp right for Rancho Cal Rd toward Old Town Front Street	0.2 mi
↗	9.	Turn right onto Rancho California Rd toward Old Town Front Street	0.6 mi
↗	10.	Turn right onto Business Park Dr	0.5 mi
	Arrive at Business Park Dr		
	11.	The last intersection is Single Oak Dr If you reach A St, you've gone too far	

B Temecula, CA

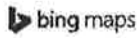
B to C
50 min (45.0 mi)

B Temecula, CA

1.	Head south on Business Park Dr toward Single Oak Dr	0.5 mi
	2. Turn left onto Rancho California Rd	0.6 mi
	3. Take ramp right and follow signs for CA-79 North / I-15 North	3.5 mi
	4. At exit 63 , Bear right onto I-215 N / Escondido Fwy N toward Riverside / San Bernardino / I-215 ▲ <i>Moderate Congestion</i> ▲ <i>Minor Accident: Slow traffic on I-215 from Van Buren Blvd (I-215) to Cactus Ave (I-215) due to accident.</i>	29.7 mi, 27 min
	5. At exit 29 , take ramp right for CA-60 East toward Beaumont / Indio	2.6 mi
	6. At exit 61 , take ramp right and follow signs for Heacock Street	0.3 mi
	7. Turn left onto Heacock St ARCO on the corner	1.7 mi
	8. Keep straight onto Reche Vista Dr	1.1 mi
	9. Turn left to stay on Reche Vista Dr	1.6 mi
	10. Turn left onto Reche Canyon Rd	3.4 mi
11.	Arrive at Reche Canyon Rd The last intersection is Whittier St If you reach Utility Access Rd S, you've gone too far	

C 7060 Reche Canyon Rd, Colton, CA 92324

These directions are subject to the Microsoft® Service Agreement and are for informational purposes only. No guarantee is made regarding their completeness or accuracy. Construction projects, traffic, or other events may cause actual conditions to differ from these results. Map and traffic data © 2020 TomTom.



- A** 7060 Reche Canyon Rd, Colton, CA 92324
- B** Inyokern Community Service District, 1429 N Broadway, Inyokern, CA 93527
- C** SpringHill Suites by Marriott Ridgecrest, 113 E. Sydnor Avenue, Ridgecrest, CA 93555

2 hr 34 min , 138 miles
 Light traffic (10 min delay)
 Via I-215 N, US-395 N
 · Local roads

10/6/20: Travel from Home Office in Colton to Inyokern CSD for Onsite Leak Detection.
 Travel from Inyokern CSD to Hotel in Ridgecrest.

A to B
 2 hr 22 min (128.6 mi)

A 7060 Reche Canyon Rd, Colton, CA 92324

↑	1. Head northwest on Reche Canyon Rd toward Utility Access Rd S	2.6 mi
↶	2. Turn left onto E Washington St	0.8 mi
	3. Take ramp right for I-215 N / Riverside Fwy N Arby's on the corner	15.5 mi, 14 min
	4. Keep straight onto I-15 N / Barstow Fwy N ▲ <i>Moderate Congestion</i>	15.1 mi, 28 min
↗	5. At exit 141 , take ramp right for US-395 toward Adelanto / Bishop	1.2 mi
↗	6. Bear right onto US-395 N / US Highway 395 ▲ <i>Moderate Congestion</i>	92.1 mi, 1 hr 30 min
↗	7. Take ramp right for CA-178 toward Inyokern / Ridgecrest	0.3 mi
↶	8. Turn left onto CA-178 / W Inyokern Rd	0.9 mi
↗	9. Turn right onto Broadway	381 ft
	10. Arrive at Broadway The last intersection is Ash Ave If you reach Orchard Ave, you've gone too far	

B Inyokern Community Service District

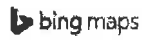
B to C
12 min (9.1 mi)

B Inyokern Community Service District

1.	Head south on Broadway toward Ash Ave	381 ft
↶	2. Turn left onto CA-178 / W Inyokern Rd	8.9 mi
↶	3. Turn left onto E Sydnor Ave	0.1 mi
4.	Arrive at E Sydnor Ave on the right The last intersection is CA-178 / N China Lake Blvd If you reach Chelsea St, you've gone too far	

C SpringHill Suites by Marriott Ridgecrest

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A SpringHill Suites by Marriott Ridgecrest, 113 E. Sydnor Avenue, Ridgecrest, CA 93555

23 min , 18.2 miles

Light traffic

Via CA-178

· Local roads

B Inyokern Community Service District, 1429 N Broadway, Inyokern, CA 93527

C SpringHill Suites by Marriott Ridgecrest, 113 E. Sydnor Avenue, Ridgecrest, CA 93555

10/7/20: Travel Hotel in Ridgecrest to Inyokern CSD.

Travel from Inyokern CSD to Hotel in Ridgecrest.

SGMA-IWVGA

A to B

11 min (9.1 mi)

A SpringHill Suites by Marriott Ridgecrest

↑	1. Head west on E Sydnor Ave toward CA-178 / N China Lake Blvd	0.1 mi
↘	2. Turn right onto CA-178 / N China Lake Blvd	8.9 mi
↘	3. Turn right onto Broadway	381 ft
	4. Arrive at Broadway The last intersection is Ash Ave If you reach Orchard Ave, you've gone too far	

B Inyokern Community Service District

B to C

12 min (9.1 mi)

B Inyokern Community Service District

	1. Head south on Broadway toward Ash Ave	381 ft
↙	2. Turn left onto CA-178 / W Inyokern Rd	8.9 mi
↙	3. Turn left onto E Sydnor Ave	0.1 mi

Arrive at **E Sydnor Ave** on the right

4. The last intersection is CA-178 / N China Lake Blvd
If you reach Chelsea St, you've gone too far

C SpringHill Suites by Marriott Ridgecrest

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- A** SpringHill Suites by Marriott Ridgecrest, 113 E. Sydnor Avenue, Ridgecrest, CA 93555
- B** Inyokern Community Service District, 1429 N Broadway, Inyokern, CA 93527
- C** 7060 Reche Canyon Rd, Colton, CA 92324

2 hr 25 min , 138 miles
 Light traffic
 Via CA-178
 · Local roads

10/8/20: Travel from Hotel in Ridgecrest to Inyokern CSD. Travel from Inyokern CSD back to Home Office in Colton.
 SGMA-IWVGA

A to B
 11 min (9.1 mi)

A SpringHill Suites by Marriott Ridgecrest











↑	1.	Head west on E Sydnor Ave toward CA-178 / N China Lake Blvd	0.1 mi
↘	2.	Turn right onto CA-178 / N China Lake Blvd	8.9 mi
↘	3.	Turn right onto Broadway	381 ft
Arrive at Broadway			
	4.	The last intersection is Ash Ave If you reach Orchard Ave, you've gone too far	

B Inyokern Community Service District

B to C
 2 hr 14 min (128.9 mi)

B Inyokern Community Service District

	1.	Head south on Broadway toward Ash Ave	381 ft
↙	2.	Turn left onto CA-178 / W Inyokern Rd	0.7 mi
↘	3.	Take ramp right	0.3 mi

	4. Keep straight onto US-395 S <i>▲ Moderate Congestion</i>	92.2 mi, 1 hr 36 min
	5. Take ramp right for I-15 S / Barstow Fwy S	15.9 mi, 14 min
	6. At exit 123 , Bear right onto I-215 S / Barstow Fwy S toward Riverside / San Bernadino / I-215 South <i>▲ Minor Congestion</i>	14.5 mi, 12 min
	7. At exit 40 , take ramp right for I-10 East toward Indio / Redlands <i>▲ Minor Congestion</i>	1.1 mi
	8. At exit 73A , take ramp right toward Waterman Ave S	0.2 mi
	9. Turn sharp right onto E Redlands Blvd Popeyes Louisiana Kitchen on the corner	0.1 mi
	10. Keep straight onto W Redlands Blvd	0.2 mi
	11. Turn left onto Hunts Ln	0.2 mi
	12. Road name changes to S Hunts Ln	0.6 mi
	13. Turn right onto E Washington St	0.1 mi
	14. Turn left onto Reche Canyon Rd	2.6 mi
	15. Arrive at Reche Canyon Rd The last intersection is Utility Access Rd S If you reach Whittier St, you've gone too far	

C 7060 Reche Canyon Rd, Colton, CA 92324

These directions are subject to the Microsoft® Service Agreement and are for informational purposes only. No guarantee is made regarding their completeness or accuracy. Construction projects, traffic, or other events may cause actual conditions to differ from these results. Map and traffic data © 2020 TomTom.



Fluid Conservation Systems, Inc.
 502 TechneCenter Dr.
 Suite B
 Milford, OH 45150

INVOICE

Fed ID No. 74-2619979
 Phone (513) 831-9335
 Fax (513) 831-9336

Invoice Address:

CALIFORNIA RURAL WATER ASSOCIATION
 1234 NORTH MARKET BOULEVARD
 SACRAMENTO, CA 95834

Delivery Address:

CALIFORNIA RURAL WATER ASSOCIATION
 MICHAEL SIMS
 12842 CASA CT.
 POWAY, CA 92064

Purchase Order Ref.	Account	Our Ref.	F.O.B.	Type	Date	Invoice No.
MICHAEL SIMMS	CRWA	9952	ORIGIN	INV Page: 1	10/07/2020	9377
Description	Quantity	Price \$	Net \$ *			
HDW6055 X-MIC HANDPROBE EXTENSION ROD MD-040-0014	4.00	31.50 Each	126.00 0			
HDW6055 X-MIC HANDPROBE EXTENSION ROD MD-040-0014	2.00	31.50 Each	63.00 0			
CAS7020 TRICORR MCTOUCH FCS CARRY CASE 4202 19 90 90	1.00	0.00 Each	0.00 0			
PLEASE INCLUDE A SHIPPING LABEL TO RETURN A TC CASE ONLY		0.00	0.00 0			

FOB ORIGIN	Net \$	189.00
	Sales TAX \$	0.00
	Total \$	189.00
	Due By	11/06/2020

All business is subject to our Terms & Conditions which can be found at: - <http://www.fluidconservation.com/terms.htm>
 A Halma Group Company

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WaterWise Consulting, Inc.

"Conserving our natural resources for future generations"

1751 S. Grand Ave.
Glendora, CA 91740

Invoice

Date	Invoice #
10/31/2020	6565

Customer
Indian Wells Groundwater Authority Attn: Accounts Payable 500 W. Ridgecrest Blvd. Ridgecrest, CA 93555

Contract No.	Due Date	Terms
02-19	1/29/2021	Net 90

Item	Description	Amount
Rebate Administration	Indian Wells Groundwater Authority Water Conservation Rebate Program Service Period: October 2020 Task: Monthly Administration - \$5,000.00 x 1 = \$5,000.00 Task: Website Development - \$4,000.00 x 0 = \$0.00 Task: Program Manager - \$125.00 x 2 = \$250.00 Task: Design, Marketing & Outreach - \$80.00 x 9 = \$720.00 Task: Customer Rebates - \$0.00 TOTAL THIS INVOICE: \$5,970.00	5,970.00

Please Make Check Payable To: WaterWise Consulting, Inc.

Total	\$5,970.00
--------------	------------

Phone #	Fax #	E-Mail	Web Site
(626) 335-7888	(626) 628-0311	info@waterwise-consulting.com	www.waterwise-consulting.com

Indian Wells Groundwater Authority

Water Conservation Rebate Program

Service Period: October 2020

Fixed Labor Cost Breakdown

<i>Classification</i>	<i>Staff Name(s)</i>	<i>Service Date(s)</i>	<i>Item Qty.</i>	<i>Fixed Rate</i>	<i>Total Billed</i>	<i>Labor Summary</i>
Monthly Administration	Rebecca Shields Moose Blanca Cortez Kathy Sylva	10/1/2020 to 10/31/2020	1	\$ 5,000.00	\$ 5,000.00	* Customer Service Representative Staffing * Assist customers via phone and email * Mailing program applications & postcards to customers upon request * Updating website w/new contractor application, mapping tool info.
					\$ 5,000.00	

Hourly Labor Cost Breakdown

<i>Classification</i>	<i>Staff Name</i>	<i>Service Date(s)</i>	<i>Qty. Hours</i>	<i>Hourly Rate</i>	<i>Total Billed</i>	<i>Labor Summary</i>
Program Manager	Ajay Dhawan	10/20/2020	1	\$ 125.00	\$ 125.00	Marketing and progress meeting with IWVGA
Program Manager	Rebecca Shields Moose	10/20/2020	1	\$ 125.00	\$ 125.00	Marketing and progress meeting with IWVGA
			2		\$ 250.00	

<i>Classification</i>	<i>Staff Name</i>	<i>Service Date(s)</i>	<i>Qty. Hours</i>	<i>Hourly Rate</i>	<i>Total Billed</i>	<i>Labor Summary</i>
Design, Marketing & Outreach	Blanca Cortez	10/2, 10/5, 10/6, 10/8/2020	3	\$ 80.00	\$ 240.00	Marketing Phone Calls
Design, Marketing & Outreach	Rebecca Shields Moose	10/21, 10/23, 10/27/2020	3	\$ 80.00	\$ 240.00	Phone Calls to well groups
Design, Marketing & Outreach	Blanca Cortez	10/14, 10/15, 10/20, 10/22, 10/27/2020	3	\$ 80.00	\$ 240.00	Phone Calls to contractors & churches
			9		\$ 720.00	

Invoice Total: \$ 5,970.00

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members **DATE:** November 19, 2020

FROM: IWVGA Staff

SUBJECT: **Agenda Item No. 7 – Meter Compliance Update and Staff Recommendation on Changes to the Policy and Amendment of Ordinance 01-20 With First Read of Ordinance 04-20**

DISCUSSION

Ordinance 01-20, “Requiring the Installation of, Use of and Reporting on Metering Equipment for Groundwater Extraction Facilities in the Indian Wells Valley Groundwater Basin”, was adopted by the Board March 19, 2020.

Th Ordinance includes the following requirements for **non de minimis** groundwater extractors.

ARTICLE 2. INSTALLATION AND USE OF METERING EQUIPMENT

Section 1. Extraction Facility Metering Installation Requirements

Groundwater Extractors in the Basin shall, at their own expense, install a Water Meter and an Hour Meter on each and every one of their Extraction Facilities by **no later than June 1, 2020**.

Section 2. De Minimis Extractor Exemptions to the Metering Requirements.

De Minimis Extractors are exempt from the requirements of this Ordinance provided that they have registered their Extraction Facility with the Authority.

Section 5. Secondary Metering Equipment Requirements

Hour Meters, installed in conformance with the Authority’s then adopted “Groundwater Well Flowmeter Standards,” shall be used as the secondary metering device on all Extraction Facilities in the Basin by **no later than June 1, 2020**.

Section 6. Metering Equipment Exemptions

If special circumstances exist which make it impossible for a Groundwater Extractor to meet either of the metering requirements of this Ordinance, the Groundwater Extractor may make a written request for an alternative measuring requirement by **no later than May 1, 2020**. The request must be provided in writing and it must set forth a specific alternative method for measuring Extractions from the Extraction Facility.

ARTICLE 3. METER TESTING REPORTS AND REPAIRS.

Section 1. Meter Testing

All Metering Equipment shall be checked for accuracy, in accordance with the Authority’s then adopted “Groundwater Well Flowmeter Standards,” by **August 1, 2020**, and every 2 years

thereafter, by a person qualified to test, repair, and install such equipment. In addition, whenever Metering Equipment is installed or repaired, it shall be checked for accuracy, in accordance with the Authority's then adopted "Groundwater Well Flowmeter Standards," by a person qualified to test, repair, and install meters.

Section 2. Accuracy Test Report Submission

All Groundwater Extractors shall submit a test report, in accordance with the Authority's then adopted "Groundwater Well Flowmeter Standards," on an Authority provided form by **August 1, 2020**, and every 2 years thereafter, certifying the Metering Equipment accuracy.

A letter dated September 22, 2020 was mailed to all registered non de minimis groundwater extractors that had not complied with the requirements of the Ordinance as of the date of the letter. In response to the letter, Staff has received inquiries from non de minimis extractors pumping relatively small amounts of water containing questions/concerns about compliance including the ability to pay the cost of purchasing, installing, and testing new metering and recording equipment.

At the October 15th Board meeting, the Board heard these concerns raised by small mutuals and co-ops and requested staff bring a recommendation on potential changes to the Ordinance to the November meeting. In consideration of the request from the Authority Board for a recommendation to accommodate the comments received from small mutuals and co-ops regarding compliance to Metering Ordinance 01-20, staff is recommending an Article 8 be added to the Ordinance.

ARTICLE 8. VARIANCE REQUEST FOR QUALIFYING SMALL MUTUAL WELL OWNERS/OPERATORS

Small mutual and co-op well owners/operators, and others that can demonstrate pumping volumes of under 10 AF per year, may apply in writing for a Board variance to the requirements of Article 2 and Article 3 of this Ordinance. Additionally, those pumping solely for residential purposes that can demonstrate a severe economic hardship may also apply in writing for a Board variance to the requirements of Article 2 and Article 3 of this Ordinance. Requests must be provided in writing to the Clerk of the Board and they must clearly state what is being requested and the justification for the request. The request will be forwarded to the General Manager and Water Resources Manager for review, consideration and Board recommendation. The Board shall consider the request at a subsequent Board meeting at which time the requestor may be asked to provide further support for the request.

Authority staff has reviewed and considered the environmental impacts of this action and concluded that this action is exempt from further environmental review pursuant to California Environmental Quality Act Guidelines section 15273 and Public Resources Code section 21080(b)(8) because it is for the establishment of operational rates and charges. Additionally, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15061(b)(3) because it can be seen with a certainty that this action will not have a significant effect on the environment. Moreover, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15378(b)(5) because it involves administrative activities that will not result in direct or indirect physical changes in the

environment.

RECOMMENDED BOARD ACTION(S)

In recognition of the impact of the current metering structure on small mutuals and co-ops and the additional cost burden for full compliance to Ordinance 01-20 in addition to the fact some of these groundwater extractors have a relatively insignificant impact on pumping within the basin, Staff recommends Board consider and approve the addition of Article 8 to Ordinance 01-20. Therefore it is recommend that the Board:

- 1) Make a finding that the proposed Ordinance is exempt from further environmental review pursuant to California Environmental Quality Act Guidelines section 15273 and Public Resources Code section 21080(b)(8) because it is for the establishment of operational rates and charges. Additionally, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15061(b)(3) because it can be seen with a certainty that this action will not have a significant effect on the environment. Moreover, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15378(b)(5) because it involves administrative activities that will not result in direct or indirect physical changes in the environment.
- 2) Introduce the attached Ordinance by reading aloud its Title: Ordinance No 04-20 Requiring the Installation of, Use of and Reporting on Metering Equipment for Groundwater Extraction Facilities in the Indian Wells Valley Groundwater Basin.
- 3) Waive reading the entirety of the Ordinance and set the next regular meeting of this Board for the date of the Ordinances second reading

BEFORE THE BOARD OF DIRECTORS OF THE

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

In the matter of:

Ordinance No. 04-20

REQUIRING THE INSTALLATION OF, USE OF AND
REPORTING ON METERING EQUIPMENT FOR
GROUNDWATER EXTRACTION FACILITIES IN
THE INDIAN WELLS VALLEY GROUNDWATER BASIN.

I, _____, Clerk of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following ordinance, on motion of Director _____, seconded by Director _____, was duly passed and adopted by the Board of Directors at an official meeting this 17th day of December, 2020, by the following vote:

AYES:

NOES:

ABSENT:

Mick Gleason, Chairman of the Board
Indian Wells Valley Groundwater Authority

ATTEST:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

April Keigwin

WITNESSETH

(a) The Indian Wells Valley Groundwater Authority ("Authority") was formed for the express purpose of cooperatively carrying out the requirements of the Sustainable Groundwater Management Act ("SGMA"), including, but not limited to, the funding, development, adoption and implementation of a Groundwater Sustainability Plan ("GSP") that achieves groundwater sustainability in the Indian Wells Valley Groundwater Basin.

(b) The Authority is the exclusive Groundwater Sustainability Agency for the Indian Wells Valley Groundwater Basin, which is designated as Basin number 6-54 in Department of Water Resources' Bulletin No. 118.

(c) The Authority adopted the "Groundwater Sustainability Plan for the Indian Wells Valley Groundwater Basin" on January 16, 2020.

(d) A fundamental component of the Groundwater Sustainability Plan for the Indian Wells Valley Groundwater Basin is the accurate measurement, reporting and monitoring of groundwater extractions and, with the exception of certain extraction facilities, SGMA provides the Authority with the express power to require the metering of all extraction facilities in the Basin.

(e) While the Authority previously adopted Ordinance 01-20, there is now a desire to add an additional Article 8 to said Ordinance to provide a variance request procedure. For operational reasons, this Ordinance shall completely supersede the prior Ordinance 01-20 upon this Ordinance's effective date but prior to said date, Ordinance 01-20 shall remain in full force and effect.

(f) The Authority has reviewed and considered the environmental impacts of this action and concluded that this action is exempt from further environmental review pursuant to California Environmental Quality Act Guidelines section 15273 and Public Resources Code section 21080(b)(8) because it is for the establishment of operational rates and charges. Additionally, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15061(b)(3) because it can be seen with a certainty that this action will not have a significant effect on the environment. Moreover, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15378(b)(5) because it involves administrative activities that will not result in direct or indirect physical changes in the environment.

NOW THEREFORE, the Board of Directors of the Indian Wells Valley Groundwater Authority ordains as follows:

ARTICLE 1. GENERAL

Section 1. Title

This Ordinance shall be known as the "Metering Ordinance of the Indian Wells Valley Groundwater Authority."

Section 2. Jurisdictional Findings

This Board finds that the recited facts are true and that it has the jurisdiction to consider, approve, and adopt this Ordinance.

Section 3. Effective Date

This Ordinance shall take effect thirty days after its adoption on the 17th day of January 2021 and it shall remain in full force and effect until expressly rescinded, and/or amended, by the Authority's Board of Directors. Authority Ordinance 01-20 shall remain in full force and effect until said date at which time this Ordinance shall supersede Ordinance 01-20. Dates prior to the Effective Date of this Ordinance are contained herein because those dates were valid under Ordinance 01-20 and this Ordinance does not change

the effectiveness of those dates or the regulation prescribe therein.

Section 4. Certification

The Clerk of the Board of Directors shall certify the passage and adoption of this Ordinance and shall cause the same to be published in accordance with applicable law.

Section 5. Definitions

As used in this Ordinance, the following terms shall have the meanings stated below:

- A) **"Authority"** shall mean and refer to the Indian Wells Valley Groundwater Authority.
- B) **"Basin"** shall mean and refer to the Indian Wells Valley Groundwater Basin which is designated in DWR Bulletin 118 as Basin No. 6-54.
- C) **"De Minimis Extractor"** shall mean and refer to any person who extracts, for domestic purposes, two acre-feet or less per year.
- D) **"Extraction"** shall mean and refer to the act of obtaining groundwater by pumping or other controlled means.
- E) **"Extraction Facility"** shall mean and refer to any device or method used (e.g. water well) for the extraction of groundwater within the Basin.
- F) **"Groundwater"** shall mean and refer to any and all waters found beneath the surface of the earth.
- G) **"Groundwater Extractor"** shall mean and refer to a person who operates a groundwater Extraction Facility. The owner of land upon which a groundwater Extraction Facility is situated shall be conclusively presumed to be the operator unless a satisfactory showing is made to the Authority that the Extraction Facility is operated by some person other than the owner.
- H) **"Groundwater Well Flowmeter Standards"** shall mean and refer to the Authority's adopted standards setting forth meter specifications and containing information from meter manufacturers, distributors, installers and accuracy testers.
- I) **"Hour Meter"** shall mean and refer to a manufactured instrument for accurately measuring and recording elapsed pumping times in hours and tenths of an hour.
- J) **"Metering Equipment"** shall mean and refer to both the primary and secondary metering equipment used to record extractions by an Extraction Facility.
- K) **"Person"** shall mean and refer to any person, firm, association, organization, partnership, business trust, corporation, limited liability company or company.

- L) **“Water Meter”** shall mean and refer to a manufactured instrument for accurately measuring and recording the flow of water in a pipeline.
- M) **“Water Year”** shall mean and refer to the period from October 1 through the following September 30, inclusive.

ARTICLE 2. INSTALLATION AND USE OF METERING EQUIPMENT

Section 1. Extraction Facility Metering Installation Requirements

Groundwater Extractors in the Basin shall, at their own expense, install a Water Meter and an Hour Meter on each, and every one, of their Extraction Facilities by no later than June 1, 2020.

Section 2. De Minimis Extractor Exemptions to the Metering Requirements.

De Minimis Extractors are exempt from the requirements of this Ordinance provided that they have registered their Extraction Facility with the Authority.

Section 3. Federal Extraction Facility Metering

Federally owned Extraction Facilities are exempt from the requirements of this Ordinance.

Section 4. Primary Metering Equipment Requirements

Water Meters, installed in conformance with the Authority's then adopted "Groundwater Well Flowmeter Standards," shall be used as the primary metering device on all Extraction Facilities in the Basin by no later than June 1, 2020.

Section 5. Secondary Metering Equipment Requirements

Hour Meters, installed in conformance with the Authority's then adopted "Groundwater Well Flowmeter Standards," shall be used as the secondary metering device on all Extraction Facilities in the Basin by no later than June 1, 2020.

Section 6. Metering Equipment Exemptions

If special circumstances exist which make it impossible for a Groundwater Extractor to meet either of the metering requirements of this Ordinance, the Groundwater Extractor may make a written request for an alternative measuring requirement by no later than May 1, 2020. The request must be provided in writing and it must set forth a specific alternative method for measuring Extractions from the Extraction Facility.

ARTICLE 3. METER TESTING REPORTS AND REPAIRS.

Section 1. Meter Testing

All Metering Equipment shall be checked for accuracy by August 1, 2020, and every 2 years thereafter, by a person qualified to test, repair, and install such equipment. In addition, whenever Metering Equipment is installed or repaired, it shall be checked for accuracy by a person qualified to test, repair, and install meters.

Section 2. Accuracy Test Report Submission

All Groundwater Extractors shall submit a test report on an Authority provided form by August 1, 2020, and every 2 years thereafter, certifying the Metering Equipment accuracy.

Section 3. Inaccuracy Reporting and Repair

Metering Equipment found to be in error by more than 3 percent (3%) shall be immediately reported to Authority and repaired, or replaced, by the Extractor.

Section 4. Special Circumstances Requiring Further Accuracy Testing

If the Authority has reason to believe that Extraction reported from an Extraction Facility is in error, the Authority may, at its sole discretion, order the Extractor to immediately have the Extraction Facility's Metering Equipment checked for accuracy by a person qualified to test, repair, and install meters.

ARTICLE 4. ANNUAL EXTRACTION STATEMENT

On, or before, June 1, 2020, and thereafter annually on, or before, each November 1st, all Extractors must provide the Authority with an Annual Extraction Statement ("Statement") on a form provided by the Authority. The Annual Extraction Statement will report on the Extractions over the last Water Year from each Extraction Facility operated by the Extractor.

ARTICLE 5. IMPLEMENTATION ASSISTANCE

Groundwater Well Flowmeter Standards will be developed, adopted and periodically reviewed by the Authority. The adopted Standards shall set forth meter specifications and it will contain information from meter manufacturers, distributors, installers and accuracy testers.

ARTICLE 6. ENFORCEMENT PENALTIES

Section 1. Violations

Violations of this Ordinance shall be subject to the provisions of all applicable laws including, but not limited to, the penalties and procedures set forth in Water Code section 10732.

Section 2. Altering of Metering Equipment.

Any person who individually, or through direction to another, alters, adjusts, manipulates, obstructs, or in any manner interferes with, or tampers with, any groundwater Extraction Facility, and/or its Meter or

Meter Equipment, shall be found to have intentionally violated this Ordinance and may be subject to potential criminal and civil penalties.

ARTICLE 7. AUTHORITY INSPECTION OF METERING EQUIPMENT

The Authority may inspect metering equipment installations for compliance with this Ordinance at any reasonable time.

ARTICLE 8. VARIANCE REQUEST FOR QUALIFYING SMALL MUTUAL WELL OWNERS/OPERATORS

Small mutual and co-op well owners/operators, and others that can demonstrate pumping volumes of under 10af per year, may apply in writing for a Board variance to the requirements of Article 2 and Article 3 of this Ordinance. Additionally, those pumping solely for residential purposes that can demonstrate a severe economic hardship may also apply in writing for a Board variance to the requirements of Article 2 and Article 3 of this Ordinance. Requests must be provided in writing to the Clerk of the Board and they must clearly stating what is being requested and the justification for the request. The request will be forwarded to the General Manager and Water Resources Manager for review, consideration and Board recommendation. The Board shall consider the request at a subsequent Board meeting at which time the requestor may be asked to provide further support for the request.

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members **DATE:** November 19, 2020

FROM: IWVGA Staff

SUBJECT: **Agenda Item No. 8 – Board Consideration and Approval of Funding Agreement Between Indian Wells Valley Groundwater Authority and Indian Wells Valley Water District for Brackish Water Study**

DISCUSSION

The Brackish Study Group (“Group”) submitted its grant application to the California Department of Water Resources (“DWR”) to fund the Brackish Water Resource Feasibility Study (“Study”) through Round 4 of the Water Desalination Grant Program September 1, 2017. Citing the unique quality of an inland desalination project, a Funding Agreement between DWR and Indian Wells Valley Water District as the project lead for assistance with a Feasibility Study entitled “Indian Wells Valley (IWV) Brackish Feasibility Study” was executed July 23, 2019 providing \$700,000 in support of the Study. Consideration of a brackish water project is referenced in the Groundwater Sustainability Plan submitted to DWR January 31, 2020.

The Group has been using existing and new geophysical data and existing seismic data along with drillers’ logs to refine the understanding of the basin substructure and where the brackish water resources are located. It is recognized the Indian Wells Valley groundwater basin contains significant brackish water resources. If recoverable and treated to remove the salt minerals, this resource can provide a supplemental water supply while the Indian Wells Valley Groundwater Authority (“Authority”) pursues a source of imported water and funding to provide the infrastructure to transport the water. Working with the updated model developed by Desert Research Institute (“DRI”), the Group has modeled a number of pumping scenarios using various proposed well locations, depths and pumping rates to determine the drawdown effect and potential for subsidence, both locally and regionally.

The Study has progressed to the point where the Group is proposing to conduct an aquifer test once a viable location is selected. This test would conclude the Study and the final report would then be submitted to DWR. If viable, a pilot test would be the next step/phase after completion of the Study which will include recommendations related to approximate location, needs, approximate time of duration, permitting requirements, etc.

Should the pilot test prove treatment to be economically feasible, the project is unique in that there are two potential “customers” for the brine effluent resulting from the desalination process; Coso Operating Company and Searles Valley Minerals. In addition to providing an in-basin supplemental resource, a desalination project would also help meet the objective of removing salts from the basin, a requirement of the Indian Wells Valley Salt and Nutrient Management Plan

approved in April 2018 by the State Water Resource Control Board, Lahontan Region in compliance with Resolution No. 2009-011, Policy for Water Quality and Control for Recycled Water (Recycled Water Policy), adopted in February 2009.

At the August 21, 2020 Proposition 218 public hearing for adopting a Replenishment Fee to fund acquisition of an imported water supply, the Authority voted to implement a fee of \$2,130 per acre-foot of water produced applicable to all registered non de minimis pumpers. The Group has concern that this fee, applied to non-potable/brackish water, would add a significant cost to conducting an aquifer test. As such, the Group seeks a variance/exemption from the Replenishment Fee for pumping related to the aquifer test. Brackish water pumped during the aquifer test would be subject to the \$105 per acre-foot Groundwater Extraction Fee. The scope of the aquifer test is included in this staff report and will be presented for review of the Water Resources Manager. A variance/exemption from the Replenishment Fee would allow the Group to complete the aquifer test and provide results for consideration of inclusion in a subsequent update to the basin's Groundwater Sustainability Plan.

The costs incurred by the Water Resources Manager to interact with the Group as discussions and tasks related to the Study occur are to be borne by the Group. As such, an agreement to reimburse the Authority is necessary between the Authority and the Indian Wells Valley Water District as the lead agency for the Group.

Also, at the September 17th Board meeting, the Board approved extending the terms of the May 23, 2018 agreement allowing Desert Research Institute to run model scenarios requested by the Group by way of an amendment to that agreement through June 30, 2021. Staff has drafted the amendment for signatures and will proceed with executing the amendment upon approval of the Funding Agreement.

RECOMMENDED BOARD ACTION(S)

Staff recommends:

- Board approve the Funding Agreement between the Authority and the Indian Wells Valley Water District as the lead agency for the Brackish Study Group.
- Board grant a variance/exemption from the Replenishment Fee for pumping related to the aquifer test.

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REIMBURSEMENT AGREEMENT

This Reimbursement Agreement (the “Agreement”) is entered into as of November ____, 2020 (“Effective Date”), between the Indian Wells Valley Groundwater Authority, a Joint Powers Authority created pursuant to the provisions of California Government Code sections 6500 et seq., (“Authority”) and the Indian Wells Valley Water District, a County Water District (“District”). The Authority and Group 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 Indian Wells Valley Water District is a member of the Brackish Water Group comprised of the District, Searles Valley Minerals Inc., CGP Holdings LLC, and Mojave Pistachios LLC, (collectively referred to herein as the “Group”).

WHEREAS, the Group is working on a Brackish Water Resource Feasibility Study (“Study”) to identify and quantify brackish water resources that may be used as an alternative water supply source within the Indian Wells Valley basin.

WHEREAS, the Study has progressed to the point where the Group is proposing a test to gather information on aquifer properties in the study area and assist with determining the feasibility and cost of treating brackish groundwater.

WHEREAS, the Group is requesting an exemption from the Authority Replenishment Fee for brackish water pumped for the aquifer test.

WHEREAS, in order to process the Group’s request for an exemption, the Authority’s Water Resources Manager (“WRM”) must review the scope and details of the aquifer test.

WHEREAS, the Group is willing to reimburse the Authority for any costs incurred by the WRM for their review of the aquifer test.

WHEREAS, the Authority is agreeable to the WRM reviewing the scope and details of the aquifer test, subject to the terms and provisions of this Agreement.

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 ensure the Authority is reimbursed for any monies paid to the WRM for services undertaken on behalf of the Group with respect to the Group's request for an exemption.

2. Reimbursement. The Group agrees to reimburse the Authority up to Twelve Thousand Dollars (\$12,000) for the WRM to review the scope and details of the aquifer test so the Authority can make a decision on the Group's request for an exemption. The Authority shall submit a monthly invoice to the Group for any expenses incurred for the WRM's review of the scope and details of the aquifer test. The invoice shall include copies of all invoices/charges paid by the Authority to the WRM for the services described herein. The Group shall remit payment within thirty (30) days receipt of said invoice.

3. Priority. The Group understands and acknowledges that the WRM's work for the Authority is the highest priority, and if time adjustments need to be made, the WRM's work for the Authority shall take precedent over any activities undertaken on behalf of the Group as described herein and any timeline shall be adjusted accordingly.

4. Coordination. The Parties agree that the WRM has the sole authority to coordinate its tasks related to its work for the Authority and the Group. The WRM shall have the authority to determine if the WRM's work on behalf of the Group is impacting the WRM's work/progress for the Authority and to make any necessary time/schedule adjustments deemed necessary by the WRM. The WRM shall consult with the Group prior to making any recommendations with respect to any time/schedule adjustments.

5. 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.

6. Termination. Either Party retains the right to terminate this Agreement, at its sole discretion, upon thirty (30) days written notice. In the event of termination of this Agreement, the payment of monies due to Authority for the WRM's work performed prior to the effective date of such termination shall be paid within thirty (30) days after receipt of an invoice as provided in this Agreement. Upon payment for such services, the Authority agrees to promptly provide to the Group all documents, reports and the like which are in the possession or control of the Authority and/or WRM and pertain to the Group or this Agreement, except that Authority may retain one complete copy to be maintained in Authority's files.

[SIGNATURES ON NEXT PAGE]

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: _____
Chuck Cordell, President
Board of Directors

By: _____
Mick Gleason, Chairman
Board of Directors

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DRAFT – FOR DISCUSSION AND COMMENT

Proposed Aquifer Test Scope

Purpose

To gather information on aquifer properties in the study area as part of the Indian Wells Valley (IWV) Brackish Groundwater Feasibility Study. This information will be used to:

1. Provide input for brackish groundwater extraction well design parameters;
2. Increase the body of knowledge related to aquifer properties in the basin; and
3. Provide additional detail for future updates of the numerical groundwater model.

Location

Figure 1 shows the location of the proposed aquifer test study area. The proposed pumping well (subject to confirmation during logistical planning) would be Mojave Pistachios Leliter 360 well. The surrounding monitoring wells would include Mojave Pistachios Leliter 220 and Siebenthal wells, and the three wells in each of the clusters for NR-1 and NR-2. Preliminary drawdown modeling indicates that a response will likely not be measured in the NR-1 wells, however, these wells will still be instrumented with logging pressure transducers in the event that actual field conditions are different, and response does extend to the wells at NR-1 within our pumping timeframe.

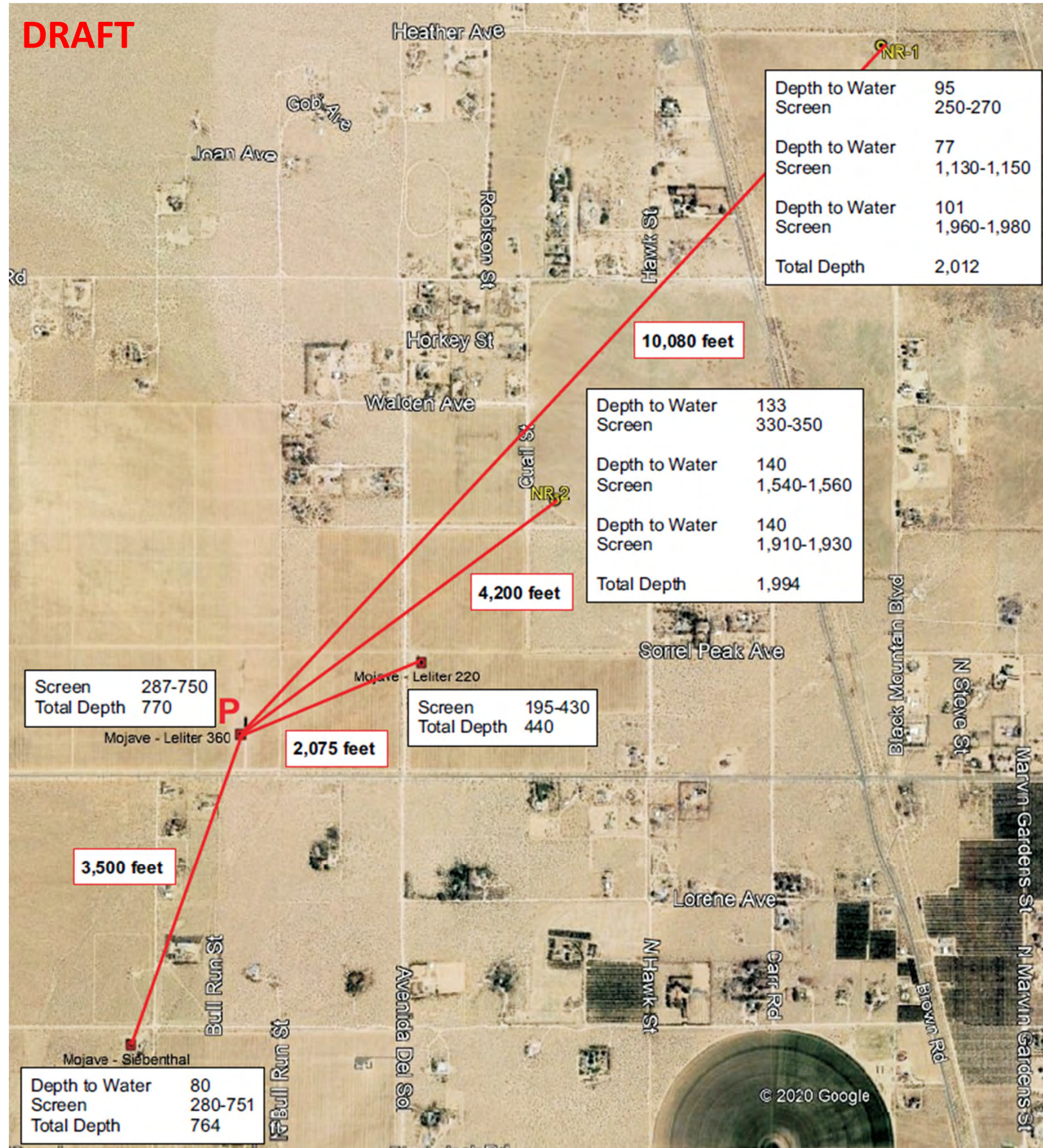
General Procedure

1. Install logging pressure transducers in non-pumping monitoring wells at least one (1) week before the start of the test (wells would include the three wells each in NR-1, NR-2, and Siebenthal, Leliter 220).
2. Install a logging acoustic level meter in the proposed pumping well (Leliter 360) for at least one (1) week before the start of the test.
3. Conduct a step-drawdown test on Leliter 360 with each step lasting one (1) hour. The well would be pumped at four (4) different flow rates: 500 gpm, 1,000 gpm, 1,500 gpm, and 2,000 gpm.
4. Allow water levels in Leliter 360 to recover to 95% of drawdown.
5. Conduct a longer-duration pumping test in Leliter 360. 1,500 gpm for 4 days (possibly 5 days). Note: pumping may be terminated earlier once sufficient drawdown is observed in monitoring wells.
6. Allow water levels to recover for one (1) week.
7. Remove all pressure transducers and the acoustic level meter, and analyze the data.

Schedule

Logistical planning is underway. Pressure transducers will likely be installed in early December subject to scheduling constraints related to agricultural operations and well availability.

DRAFT



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IWVGA ADMINISTRATIVE OFFICE

Memorandum

TO: IWVGA Board Members **DATE:** November 19, 2020

FROM: IWVGA Staff

SUBJECT: Agenda Item No. 9 - DISCUSSION, Proposed Ordinance No. 05-20 – Amending Ordinance No. 02-18 “Establishing Groundwater Extraction Fees and the Rules, Regulations and Procedures for Their Imposition”.

DISCUSSION

On June 21, 2018, the Indian Wells Valley Groundwater Authority (“IWVGA”) Board of Directors (“Board”) set the original Groundwater Extraction Fee at \$30.00 per acre feet (“A/F”) to finance the development and adoption of the Groundwater Sustainability Plan (“GSP”). Ordinance No. 02-18 – Establishing Groundwater Extraction Fees and the Rules, Regulations and Procedures for their Imposition was subsequently adopted on July 19, 2018 and the fee became effective September 1, 2018.

The fee was intended to generate \$1,522,384.00 in approximately 24 months to finance the estimated costs to develop and adopt the GSP. The fee only generated around \$750,000 due to less than estimated pumping by those subject to the fee. This, along with additional studies and costs to develop the GSP created a budget deficit and cashflow problem that needed to be addressed. The Board directed staff to develop a revised groundwater extraction fee (“Revised Fee”) to address the GSP development costs and time needed to pay off these costs.

Consequently, the IWVGA Board adopted Ordinance No. 02-20 “Amending Ordinance No. 02-18 Establishing Groundwater Extraction Fees and the Rules, Regulations and Procedures for Their Imposition” on July 16, 2020. The fee was increased from \$30.00 to \$105.00 per A/F and became effective September 1, 2020.

Following adoption of Ordinance No. 02-20, multiple lawsuits were filed against the IWVGA, in part, challenging the validity of the Revised Fee. Although staff believes Ordinance No. 02-20 was properly adopted and is valid, staff recommends the IWVGA adopt Proposed Ordinance No. 05-20 (draft attached) which is intended to address any procedural or substantive challenges to the Revised Fee. Staff believes it is more cost effective and time efficient to address alleged deficiencies in Ordinance No. 02-20 through the adoption of Ordinance No. 05-20 than to defend the allegations of invalidity in the pending lawsuits.

RECOMMENDATION

Staff recommends that your Board:

1. Authorize staff to set the public meeting on December 17, 2020 for consideration and adoption of Ordinance No. 05-20 – Amending Ordinance No. 02-18 “Establishing

Groundwater Extraction Fees and the Rules, Regulations and Procedures for Their Imposition”.

2. Authorize staff to make available to the public, the data upon which the proposed fee is based no later than 20 days prior to the public meeting and to do all things necessary to implement the proposed Groundwater Extraction Fee.

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**BEFORE THE BOARD OF DIRECTORS OF THE
INDIAN WELLS VALLEY GROUNDWATER AUTHORITY**

In the matter of:

Ordinance No. 05-20

**AMENDING ORDINANCE NO. 02-18
ESTABLISHING GROUNDWATER
EXTRACTION FEES AND THE RULES,
REGULATIONS AND PROCEDURES
FOR THEIR IMPOSITION**

I, _____, Clerk of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following ordinance, on motion of Director _____, seconded by Director _____, was duly passed and adopted by the Board of Directors at an official meeting this ___ day of December, 2020, by the following vote:

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

Deputy Clerk

Section 1. WHEREAS

(a) On July 19, 2018, the Board of Directors (Board) of the Indian Wells Valley Groundwater Authority (Authority) adopted Ordinance No. 02-18 - Establishing the Rules, Regulations and Procedures For The Imposition and Collection of Groundwater Extractions Fees.

(b) The Groundwater Extraction Fee was set at \$30 per acre foot and became effective September 1, 2018.

(c) The fee was intended to finance a portion of the estimated costs to develop and adopt the

Groundwater Sustainability Plan (GSP). The Groundwater Extraction Fee only raised approximately half of the expected revenue due to less than estimated pumping by those subject to the fee. Additional studies and costs to develop the GSP have created a need for additional funding to prepare the GSP.

(d) The Board directed staff to develop a revised groundwater extraction fee (“Revised Fee”) to address the GSP development costs and time needed to pay off these costs.

(e) On July 16, 2020, the Authority Board adopted Ordinance No. 02-20 – Amending Ordinance No. 02-18 Establishing Groundwater Extraction Fees and the Rules, Regulations and Procedures for Their Imposition”.

(f) Following adoption of Ordinance No. 02-20, multiple lawsuits were filed against the IWVGA, in part, challenging the validity of the Revised Fee. Staff believes it is more cost effective and time efficient to address alleged deficiencies in Ordinance No. 02-20 through the adoption of Ordinance No. 05-20 than to defend the allegations of invalidity in the pending lawsuits.

(f) The Board again directed staff to develop a revised groundwater extraction fee to address alleged deficiencies in Ordinance No. 02-20.

(g) Staff recommends adoption of Ordinance No. 05-20.

THE BOARD OF DIRECTORS OF INDIAN WELLS VALLEY GROUNDWATER AUTHORITY ORDAINS AS FOLLOWS:

Section 2. This Ordinance shall become effective 30 days from the date of adoption and the entire Ordinance shall be published in accordance with California Government Code section 25124.

Section 3. Section 3 of Ordinance No. 02-18 is hereby amended in whole to read as follows:

Groundwater Extraction Fee. Effective February 1, 2021, and continuing until rescinded by the Board, all groundwater extractions from and within the Basin shall be subject to measurement and the Groundwater Extraction Fee of ten dollars and fifty cents (\$10.50) per tenth (.10) of an acre foot for all groundwater extracted from the Basin. The Groundwater Extraction Fee shall be determined and paid on a monthly basis with water extraction measurements rounded down to the nearest tenth (.10) of an acre foot per month.

Section 4. All other provisions of Ordinance No. 02-18 shall remain in full force and effect.

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members

DATE: November 19, 2020

FROM: IWVGA Staff

SUBJECT: Agenda Item No. 10 – Board Consideration and Approval of Option Agreement for the Purchase of Recycled Water from City of Ridgecrest

Project 2 of the Groundwater Sustainability Plan is to “Optimize Use of Recycled Water.” The City of Ridgecrest currently operates a Wastewater Treatment Plant (the “Facilities”) operated pursuant to a Grant of Easement on certain real property identified as Naval Air Weapons Station China Lake (the “Installation”) and owned by the United States. This is currently the only facility which generates a recycled water supply for direct beneficial or controlled use within the IWVGB. Staff recommends that the Groundwater Authority approve an option agreement with the City to purchase wastewater from the plant in order to develop a recycled water project.

Pursuant to the easement agreement with the City, the Installation has the right to use 525 AF of water each year. 325 AF each year of treated water can be used in any manner the Installation deems necessary to support its mission. The additional 200 acre feet of treated water per year can be used to implement the Installation’s obligation to provide mitigation and habitat preservation measures for the protection of the Federally listed endangered species commonly known as the Mojave Tui Chub (“Tui Chub”) or in the alternative for any other Installation use not to include landscaping, unless such landscaping use results in a reduction in the use of groundwater and is approved by the City. All other water produced at the Facility is owned by the City (“Available Treated Water”). This available water totals up to 1.8 MGD (2,016 AFY). (Additional quantities of recycled water for groundwater recharge may become available should any of the existing recycled water practices, such as maintaining seepage flow to the Tui Chub habitat be discontinued.)

At a prior meeting Authority board signaled its desire to purchase the Available Treated Water from the City and use it to mitigate against undesirable results caused by the pumping of groundwater from the Basin pursuant to the Groundwater Sustainability Plan (GSP) approved by the Authority.

The agreement provides as follows. The term of the agreement is 5 years. During this term, the City shall provide for sale to the Authority all Available Recycled Water produced at its Wastewater Treatment Plant (as defined below) upon 30-day notice to the City. Water shall not be available under this agreement until completion of construction of the New Treatment Facility which is currently estimated to be within three years from the date of this agreement.

In exchange, the Authority affirms its agreement to pay City’s past administrative costs as well as its current and future, administrative costs incurred in connection with the operation of the Authority. Furthermore, the Authority agrees that recycled water derived by Available Recycled Water shall be put to municipal or industrial uses either located within the City or for the direct benefit of the citizens of the City.

Upon exercise of the option the parties agree to negotiate and execute a contract for such purchase and sale of the Available Recycled Water which will include the purchase price and all other terms of. The City

agrees that the price paid for the Available Recycled Water must be set at a level that promotes the use of recycled water to supplement groundwater supplies in the Basin.

RECOMMENDED BOARD ACTION(S)

Staff recommends the approval of this option agreement.

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OPTION AGREEMENT
BY AND BETWEEN CITY OF RIDGECREST AND THE INDIAN WELLS VALLEY
GROUNDWATER AUTHORITY FOR AN OPTION TO PURCHASE TREATED
WATER FROM THE WASTEWATER TREATMENT FACILITY

This Agreement for the option to purchase recycled water (“Option Agreement” or “Agreement”) is dated this ___ day of _____, 2020 (“Effective Date”), and is entered into by and between City of Ridgecrest, a municipal corporation (“City”) and Indian Wells Valley Groundwater Authority, a Joint Powers Authority (“Authority”). City and Authority shall be the signatories to this Agreement and shall hereinafter be referred to as “Party” or “Parties.”

The City operates a Wastewater Treatment Plant (the “Facilities” operated pursuant to a Grant of Easement on certain real property identified as Naval Air Weapons Station China Lake (the “Installation”) and owned by the United States and represented by the Commanding Officer, Naval Facilities Engineering Command, Southwest, acting by and through the Secretary of the Navy. The City was granted an easement for the construction, installation, uninterrupted operation, maintenance, repair, renovation, and replacement of the “Facilities.” (attached as Exhibit ___).

Pursuant to that agreement, the Installation has the right to use 525-acre feet of water each year. 325-acre feet each year of treated water can be used in any manner the Installation deems necessary to support its mission. The additional 200 acre feet of treated water per year can be used to implement the Installation’s obligation to provide mitigation and habitat preservation measures for the protection of the Federally listed endangered species commonly known as the Mojave Tui Chub (“Tui Chub”) or in the alternative for any other Installation use not to include landscaping, unless such landscaping use results in a reduction in the use of groundwater and is approved by the City. All other water produced at the Facility is owned by the City (“Available Treated Water”).

City intends to replace the current Facility with a new Facility and anticipates that such construction will take approximately three years to complete.

The Authority was created in compliance with Sustainable Groundwater Management Act (SGMA”) to create a Groundwater Sustainability Plan for the Indian Wells Valley Groundwater Basin (“Basin”). The purpose of the GSP is to provide a plan that implements projects necessary to allow water to be continued to be extracted from the Basin without suffering undesirable results. One of the projects identified in the GSP is the purchase of treated water from the Facility so that this water can be recycled to supplement native water supplies.

This agreement is adopted in furtherance of the GSP project goals. The Authority desires to purchase the Available Treated Water from the City and use it to mitigate against undesirable results caused by the pumping of groundwater from the Basin pursuant to the Groundwater Sustainability Plan (GSP) approved by the Authority. Doing so will meet the Parties shared objective to optimize the use of the Available Treated Water to mitigate the need for imported water and to maintain the sustainability of the water supply in the region. Through this agreement the City pledges to make its treated water available for purchase by the Authority upon completion of the new Facility.

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are acknowledged, the Parties agree as follows:

1. UNDERSTANDING OF THE PARTIES

1.1 Option and Option Fee. During the term of this Agreement the City shall provide for sale to the Authority all Available Recycled Water produced at its Wastewater Treatment Plant (as defined below) upon 30-day notice to the City. "Available Recycled Water" shall mean wastewater which has been processed and treated by City's operation of the New Facility and is delivered to any subsequent facilities which may be constructed for delivery of this water. Available Recycled Water shall not include the 525-acre feet produced annually that is owned by the Installation pursuant to its Easement agreement with the City. Water shall not be available under this agreement until completion of construction of the New Treatment Facility which is currently estimated to be within three years from the date of this agreement.

1.2 Consideration. As consideration for the Option granted under this Agreement, Authority affirms its agreement to pay City's past administrative costs incurred as a result of formation of the Authority and adoption of the GSP in the amount of \$375,000 as set forth in the materials supplied to support the most recent budget of the Authority ("Prior Costs"). As further consideration, Authority agrees to reimburse the City for its current and future, administrative costs incurred in connection with the operation of the Authority including, but not limited to, the Recycled Water Project ("Future Costs"). Collectively, the Prior Costs and Future Costs constitute the "Option Fee." The payment of Prior Costs portion of the option Fee will occur on or before December 31, 2021. Thereafter the Option Fee will be paid on Quarterly basis within 30 days of invoice being submitted by the City and will continue after the Term Option until terminated by mutual agreement of both Parties

1.3 Further Consideration. As further consideration for the Option granted under this Agreement, Authority agrees that recycled water derived from Available Recycled Water shall be put to municipal or industrial uses either located within the City or for the direct benefit of the citizens of the City ("Permitted Uses"). Further, if the Available Recycled Water is recharged into the Basin any pumping credits derived from this recharge shall be granted to Permitted Uses. The application of Available Recycled Water to Permitted Uses in furtherance of the GSP is hereafter referred to the "Project."

1.4 Further Consideration. As further consideration for the Option granted under this Agreement, Authority shall require that any party which uses water provided in this agreement shall execute an separate agreement with the Authority that acknowledges the City's overlying right to use native groundwater as reflected in the GSP and waives any such claim to that water.

1.5 Retention of Option Fee. The Option Fee paid to the City shall belong to the City and be retained in consideration of granting this Option, whether or not the Authority ultimately exercises the Option and starts buying Available Recycled Water from the City.

1.6 Pricing of Available Recycled Water. Upon exercise of the option by the Authority and prior to the delivery of Available Recycled Water by the City, both parties agree to negotiate and execute a contract for such purchase and sale of the Available Recycled Water. The

purchase price and all other terms of sale will be negotiated between the Parties in good faith. City agrees that the price paid for the Available Recycled Water must be set at a level that promotes the use of recycled water to supplement groundwater supplies in the Basin.

1.7 **Option Term.** The term of this Option Agreement (“Option Term”) shall commence on the Execution Date and shall expire or terminate on the earliest of the following dates:

1.7.1 5 years from the execution; or

1.7.2 The date on which a breach or default by Authority remains uncured following notice of the breach or default given in accordance with Section ~~2.6~~1.9 hereof and the expiration of the grace period contained in that Section; or

1.7.3 The date that Authority begins buying Available Recycled Water from the City under a purchase agreement; or

1.7.4 Immediately upon a breach or default by Authority under Section ~~1.9~~2.6 hereof.

1.8 **Termination.** In the event City terminates this agreement prior to the date identified above in **Section 1.7**, City shall refund the Future Costs portion of the Option Payment.

1.9 **Default and Remedies.**

1.9.1 City will be in default of this Agreement if:

 a) City fails to provide its Available Recycled Water (as set forth above) for purchase by Authority upon 30-day notice from the Authority given during the Option Term;

 b) City fails to comply with any of the other obligations under this Agreement.

1.9.2 In the event of City’s default under this Agreement which remains uncured within 30 days of written notice by the Authority, the Authority will be entitled to termination of the Agreement, to reimbursement of the Future Costs portion of the Option Payment, along with all of the other remedies available under the applicable law.

1.9.3 The Authority will be in default of this Agreement if:

 a) Authority fails to pay any portion of the Option Payment;

 b) Authority fails to diligently pursue the completion of the Project;

 c) Authority makes Project water available to uses other than Permitted Uses;

 d) Authority fails to comply with any of the other obligations under this Agreement.

1.9.4 In the event of Authority's default under this Agreement which remains uncured within 30 days of written notice by the City, the City will be entitled to termination of the Agreement and to all the remedies available under the applicable law.

2. COOPERATION IN CONSTRUCTION OF THE PROJECT

2.1 **Parties will cooperate with each other in creation of the Project.** Parties recognize the significant positive effect that the Project will have on the water supply in the region. During the term of this Option Agreement the Authority shall be responsible for designing and constructing the facilities necessary for the beneficial uses of the Available Recycled Water in furtherance of the Project. The parties agree that the Authority may choose to discharge these obligations by contracting for such services with another public agency such as the Indian Wells Valley Water District as mutually agreed by the Parties. City agrees to cooperate with the Authority and assist in bringing the Project to fruition. This promise to cooperate does not obligate the City to expend funds or commit staff time in connection with the Project except as mutually agreed by the Parties.

2.2 **Negation of Agency or Partnership.** City's agreement to cooperate with the Authority in connection with the design and construction of the Project and any other provision of this Agreement shall not be construed as making either party an agent or partner of the other party.

2.3 **City's Representations and Warranties.** City represents that it has the ability and will, upon execution of a purchase agreement, make available to the Authority the Available Recycled Water. This warranty does not preclude the City from selling Available Recycled Water to other entities during the duration of this Option Agreement, so long as City is able to perform once Authority exercises its option to purchase the Available Recycled Water. To the best of City's knowledge, there are not any present or foreseeable regulatory or statutory limits or prohibitions affecting City's ability to grant an option to purchase the Available Recycled Water or to sell it to the Authority. City warrants that it requires no other legal or governmental approval or authorization to grant this option. Each representation and warranty in this Section is material and shall be relied on by the Authority and is true in all respects as of the Effective Date.

2.4 **Authority's Representation and Warranties.** The Authority represents and warrants that during the Option Term and until this Agreement expires or terminates, the Authority will make all reasonable efforts to design and construct the Project, including obtaining all necessary approvals and retaining of professional experts to complete the environmental review processes, design and construction of the Project. The Authority further warrants that the Available Recycled Water or the water made available to the users as a result of acquisition of the Available Recycled Water by the Authority, shall be only used for Permitted Uses. Each representation and warranty in this Section is material and shall be relied on by the City and is true in all respects as of the Effective Date.

2.5 **Mutual Indemnification.** To the fullest extent permitted by law, and except as otherwise required by the Joint Powers Agreement, Authority agrees to indemnify and hold City, harmless from and against all costs, claims, liability, actions, damages, expenses (including reasonable attorneys' fees) (collectively, "Costs") arising out of, or by reason of entering into this

Option Agreement. Said indemnity shall not apply to any Costs resulting from the gross negligence or willful acts or omissions of the City, its employees, agents, officers or officials.

To the fullest extent permitted by law, and except as otherwise required by the Joint Powers Agreement, City agrees to indemnify and hold Authority, harmless from and against all costs, claims, liability, actions, damages, expenses (including reasonable attorneys' fees) (collectively, "Costs") arising out of, or by reason of entering into this Option Agreement. Said indemnity shall not apply to any Costs resulting from the gross negligence or willful acts or omissions of the Authority, its employees, agents, officers or officials.

3. GENERAL PROVISIONS

3.1 Joint Representations and Warranties. Each of the parties to this Agreement makes the following representations and warranties to the other party:

3.1.1 The persons who have executed this Agreement have been authorized to do so by the party on whose behalf the party is signing. All documents to be delivered under this Agreement will be executed by an authorized person. Each party has a good and legal right to enter into this Agreement and to perform all covenants of that party contained in this Agreement.

3.1.2 None of the warranties, representations, or statements made by any Party in this Agreement contain any untrue statements of material fact or omit a material fact necessary in order to make the statements not misleading.

3.2 Good Faith. Each Party shall use reasonable efforts and work in good faith for the expeditious completion of the purposes and goals of this Agreement and the satisfactory performance of its terms.

3.3 Time of Essence. Time is of the essence in the performance of this Agreement.

3.4 Governing Law. This Agreement is made under, and will be governed by, the laws of the State of California.

3.5 Waiver. Failure of either Party at any time to require performance of any provision of this Agreement shall not limit that party's right to enforce the provision. Waiver of any breach of a provision shall not be a waiver of any succeeding breach of the provision or a waiver of the provision itself or of any other provision.

3.6 Severability. The provisions of this Agreement are severable, and the invalidity, illegality, or unenforceability of any provision of this Agreement will not affect the validity or enforceability of any other provisions. If any provision of this Agreement is found to be invalid, illegal, or unenforceable, the Parties shall endeavor to modify that clause in a manner which gives effect to the intent of the Parties in entering into this Agreement.

3.7 Amendments. This Agreement may be amended or modified only by written mutual consent of the Parties.

3.8 **Integration.** This Agreement contains the entire agreement between the Parties respecting the matter set forth, and expressly supersedes all previous or contemporaneous agreements, understandings, representations, or statements between the parties respecting this matter.

3.9 **Indemnified Parties.** Any indemnification contained in this Agreement for the benefit of a Party shall extend to the officers, employees, and agents of the Party.

3.10 **Counterparts.** This Agreement may be executed simultaneously or in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same Agreement.

3.11 **Successors.** This Agreement shall be binding on and inure to the benefit of the Parties, and their respective heirs, personal representatives, successors, and assigns.

3.12 **Further Assurances.** Whenever requested to do so by the other Party, each Party shall execute, acknowledge, and deliver all further conveyances, assignments, confirmations, satisfactions, releases, powers of attorney, instruments of further assurance, approvals, consents, and all further instruments and documents as may be necessary, expedient, or proper, in order to complete all of the conditions and obligations under this Agreement, and to do all other acts and to execute, acknowledge, and deliver all documents as requested in order to carry out the intent and purpose of this Agreement.

3.13 **Notice.**

3.13.1 Any correspondence, communication or contact concerning this Agreement must be directed to the Parties at the name and address listed herein.

3.13.2 Notice will be deemed as given upon personal delivery, receipt of e-mail, receipt of fax confirmation, or five days after deposit in U.S. Mail, first-class postage, prepaid, and addressed as set forth above. (*Or de we want email notice as well*)

If to City of Ridgecrest:

Attn: City Manger
100 W. California Ave.
Ridgecrest, CA 93555
Tel.: 760.499.5000

With a Copy to:

Keith Lemieux, Esq.
Olivarez, Madruga, Lemieux & O'Neill
2659 Townsgate Road Suite 226
Westlake Village, CA 91361
Tel: (805) 495-4770
Fax: (805) 495-2787

If to Indian Wells Valley Groundwater Authority:

Attn: General Manager

500 West Ridgecrest Blvd.
Ridgecrest, CA 93555
Tel: (760) 384-5511

3.14 Expenses. Authority shall be solely responsible for any expenses it incurred in connection with the purposes described herein.

The Parties are signing this Agreement as of the dates opposite their respective signatures.

**INDIAN WELLS GROUNDWATER
AUTHORITY**

President, Board of Directors

CITY OF RIDGECREST

City Manager

APPROVED AS TO FORM:

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members

DATE: November 19, 2020

FROM: IWVGA Staff

SUBJECT: AGENDA ITEM NO. 11 - BOARD'S CONSIDERATION AND POSSIBLE APPROVAL OF RESOLUTION 08-20 ESTABLISHING A RECYCLED WATER PROGRAM RESOLUTION

Project 2 of the Groundwater Sustainability Plan is to “Optimize Use of Recycled Water.” This Project is intended to augment the local water supply, decrease dependence on imported water and increase the sustainable yield of the Basin. Concurrently with this item the GSA will consider an agreement with the City Ridgecrest (“City”) wherein the GSA would purchase recycled in an approximate amount of 2000 AF per year for use for groundwater recharge even subsurface applications (deep injection) or through surface applications (surface spreading grounds) at another location, or through some other project as determined by the Program.

Project benefits identified in the Groundwater Sustainability Plan include: (1) Reduction in loss of groundwater in storage when compared to current trends and baseline conditions; (2) Reduction of unreasonable and chronic lowering of groundwater levels with many areas of the IWVGB anticipated to show improved and rising groundwater levels; (3) Reduction of unreasonable water quality degradation and/or Improvement of water quality conditions; and (4) Reduction and/or prevention of land subsidence conditions. Reduction of loss of groundwater in storage and of the chronic lowering of groundwater levels will reduce impacts to shallow wells. In addition, the proposed project will decrease the volume of imported water which will be required to achieve sustainability. By reducing groundwater production in the IWVGB, optimization of recycled water supplies will assist with the preservation of China Lake NAWS and the community.

The Program would work as follows. The Authority would provide large permanent users of groundwater, such as Searles Valley Minerals and the Indian Wells Valley Municipal Water District, with the opportunity to participate in the Program. Participants will fund the cost of developing the ultimate recycled water project. In exchange, they will be excused from paying a replenishment fee on an amount of water proportional to their participation in the Program, provided however that they will still be responsible for the mitigation component of \$17.50 per acre foot.

The initial cost of the program will be based on the cost of producing a design for the recycled water system which staff estimates would be approximately \$500,000. These payments be made monthly based on production (in the same manner as the replenishment fee). Staff estimates that this phase of the program will take approximately 18 months. (The expected per acre foot charge for the Program would equate to 3,150 (\$2,100 per year x 1.5 years) divided by \$500,000 = \$158.75 per acre foot.) This pumping will be subject to the \$17.50 well mitigation portion of the Replenishment Fee because overdraft will still occur during this period but because this is an alternative water supply it will not be subject to the portion of the fee used for obtaining additional water supplies.

Participants in the Program would work cooperatively to develop a cost effective and practical use of the water. Once a Project has been agreed to and approved, participants of the program would equally share in the reduced cost of water regardless of the proportion of water delivered to each participant. In other words, if the Project agreed to by the parties ultimately delivered 900 acre feet per year of water to Searles, Searles would nevertheless be entitled to produce its remaining balance of groundwater, 150 acre feet per year, at the reduced Program cost rather than the replenishment rate. This of course assumes equal participation. If there is less than equal participation, the delivered water will be adjusted according to the level of participation.

Environmental Review: The California Environmental Quality Act (Section 21000, et. seq. of the California Public Resources Code, hereafter CEQA) requires an analysis of discretionary “project” approvals by an agency. A “project,” under CEQA, is defined as “the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment.” Authority staff has reviewed this proposal and determined that it is not a Project under CEQA because this stage is focused on initial design feasibility only and as such further environmental review under CEQA is not required, or appropriate, or even possible at this point. Once the general parameters of one (or more) feasible designs has been determined, the appropriate level of environmental review will be engaged in.

Authority staff has also reviewed and considered the environmental impacts of this action as though it were a project and have concluded that this action is exempt from further environmental review pursuant to California Environmental Quality Act Guidelines section 15273 and Public Resources Code section 21080(b)(8) because it is for the establishment of operational rates and charges. Furthermore, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15061(b)(3) because it can be seen with a certainty that this action will not have a significant effect on the environment. Moreover, it has been determined that this action is exempt from further environmental review pursuant Guidelines section 15378(b)(5) because it involves administrative activities that will not result in direct or indirect physical changes in the environment. Additionally, this matter is exempt from further CEQA at this stage under State CEQA Guidelines Section 15301 (Existing Facilities) because the proposal involves the operation of existing public facilities involving negligible or no expansion of use beyond that existing at the time of the lead agency’s determination.

RECOMMENDED BOARD ACTION(S)

Therefore, it is recommended that the Board:

- 1) Consider Resolution No. 08-20, and;
- 2) Make a finding as set forth in the staff report that the action is exempt from further CEQA review because it is provided statutorily and categorical exemptions, including that: the action is not a project under CEQA; the action will not have a significant effect on the environment; the action does not include a discretionary act subject to CEQA; the action is mandated by law; the action is for the operation of existing public facilities; and the action is for the establishment of operational rates and charges.
- 3) Adopt Resolution No. 08-20 creating a Recycled Water Program.

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**BEFORE THE BOARD OF DIRECTORS OF THE
INDIAN WELLS VALLEY GROUNDWATER AUTHORITY**

In the matter of:

Resolution No. 08-20

**ESTABLISHMENT OF A RECYCLED
WATER PROGRAM**

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

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

**THE BOARD OF DIRECTORS OF INDIAN WELLS VALLEY GROUNDWATER
AUTHORITY RESOLVES AS FOLLOWS:**

Section 1. This Resolution shall become effective immediately.

Section 2. Definitions. As used in this Resolution, the following terms shall have the meanings stated below:

2.1 “Authority” means the Indian Wells Valley Groundwater Authority.

2.2 “Basin” means the Indian Wells Valley Groundwater Basin which is designated as basin number 6-54 in Department of Water Resources’ Bulletin No. 118.

2.3 “Groundwater Sustainability Plan or GSP” means the Groundwater Sustainability Plan adopted by the Authority on January 16, 2020 to provide for sustainable management of groundwater in the region.

2.4 “Participants” refers to Parties that elect to join the Recycled Water Program as set for below

Section 3. Purpose. Project 2 of the Groundwater Sustainability Plan is to “Optimize Use of Recycled Water.” This Project is intended to augment the local water supply, decrease dependence on imported water and increase the sustainable yield of the Basin. Concurrently with this item the GSA will consider an agreement with the City of Ridgecrest (“City”) wherein the GSA would purchase recycled water in an approximate amount of 2000 AF per year for use for groundwater recharge even through subsurface applications (deep injection) or through surface applications (surface spreading grounds) at another location.

Project benefits identified in the Groundwater Sustainability Plan include: (1) Reduction of loss of groundwater in storage when compared to current trends and baseline conditions; (2) Reduction of unreasonable and chronic lowering of groundwater levels with many areas of the IWWGB anticipated to show improved and rising groundwater levels; (3) Reduction of unreasonable water quality degradation and/or Improvement of water quality conditions; and (4) Reduction and/or prevention of land subsidence conditions. Reduction of loss of groundwater in storage and of the chronic lowering of groundwater levels will reduce impacts to shallow wells. In addition, the proposed project will decrease the volume of imported water which will be required to achieve sustainability. By reducing groundwater production in the IWWGB, optimization of recycled water supplies will assist with the preservation of China Lake NAWS and the community.

Section 4. Program. The Authority will establish a Recycled Water Program for the purpose of putting recycled water obtained from the City to use for groundwater recharge even through subsurface applications (deep injection) or through surface applications (surface spreading grounds) at another location, or through some other project as determined by the Program.

The initial cost of the program will be based on the cost of producing a design for the recycled water system. These costs will be shared equally by the Participants and be billed monthly through volumetric changes on groundwater extraction. The Participants will receive an exemption from the payment of the replenishment fee established pursuant to Ordinance 03-20, less the well mitigation portion of \$17.50 which will remain in place, on any pumping that has paid a volumetric charge pursuant to the Program.

Participants in the Program would work cooperatively to develop a cost effective and practical use of the water. Once a Project has been agreed to and approved, participants of the program would equally share in the cost of constructing the Project. It is anticipated that the Project selected may not deliver recycled water equally to all Project participants. Nevertheless, the Authority will establish pumping credits sufficient to ensure that all Participants in the Program share equally in the reduced cost of water regardless of the proportion of water delivered to each Participant.

Section 5. Requirements to Join Program. In order to become a Participant in the Program, each of the party shall execute, in a form approved by Authority Counsel, a commitment letter which will be irrevocable for the duration of the Program. The commitment letter shall include a full release of claims against the Authority. Upon completion of the Program, Authority and Participants will negotiate in good faith the joint participation in the construction of the Project.

Section 6. Other. Adoption of this Program does not commit Authority to completing the Project, should the Project as designed be infeasible due to costs or other factors.

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IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members

DATE: November 19, 2020

FROM: IWVGA Staff

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

DISCUSSION

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

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

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

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

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

Financial Impact:

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

RECOMMENDATION

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

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BEFORE THE BOARD OF DIRECTORS INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

In the matter of:

Resolution No. 09-20

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

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

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

RESOLUTION

Section 1. **WHEREAS:**

(a) The "Sustainable Groundwater Management Act" (SGMA) requires that the Indian Wells Valley Groundwater Basin be managed under a Groundwater Sustainability Plan (GSP) by no later than January 31, 2020; and

(b) The stated purpose of SGMA, as set forth in California Water Code Section 10720.1, is to provide for the sustainable management of groundwater basins, and sub-basins, as defined by the California Department of Water Resources at a local level by providing local water supply, water management and land use agencies with the authority and technical and financial assistance necessary to sustainably manage groundwater; and

(c) Grant funding from DWR is available through Proposition 68 Round 1 under the Sustainable Groundwater Management (SGM) grant program for projects consistent with implementation of GSPs; and

(d) The Indian Wells Valley Groundwater Authority (IWVGA) is eligible to receive funding, up to \$5,000,000, through submittal of a Round 1 SGM Implementation grant program Application to DWR; and

(e) The SGM Implementation grant program Application solicitation was released on November 9, 2020 and is to be submitted to DWR by January 8, 2021 at 5:00 pm PST; and

(f) The SGM grant program Application requires submittal of a Resolution adopted by the Indian Wells Valley Groundwater Authority authorizing a representative to enter into an agreement with the State of California to receive grant funding.

Section 2. **THEREFORE IT IS RESOLVED** by the Board of Directors of the Indian Wells Valley Groundwater Authority, as follows:

1. This Board finds that the recited facts are true and that it has the jurisdiction to consider, approve, and adopt this Resolution.

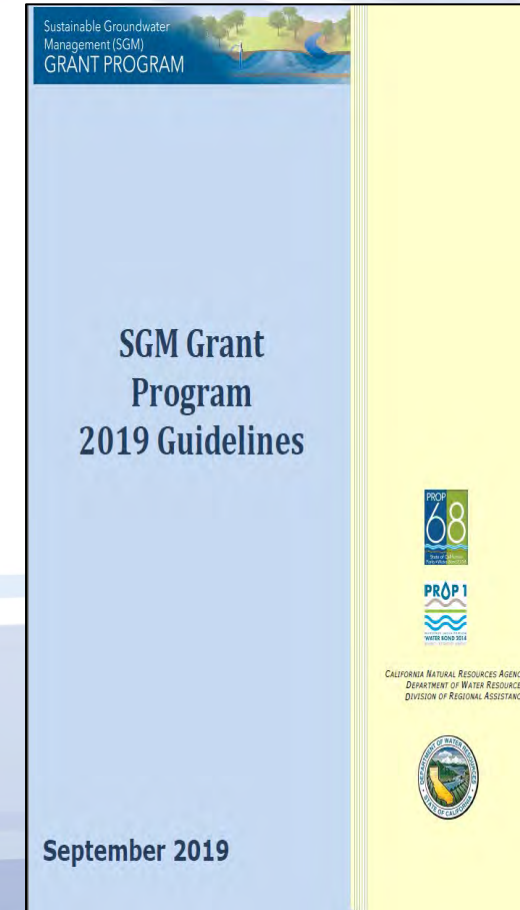
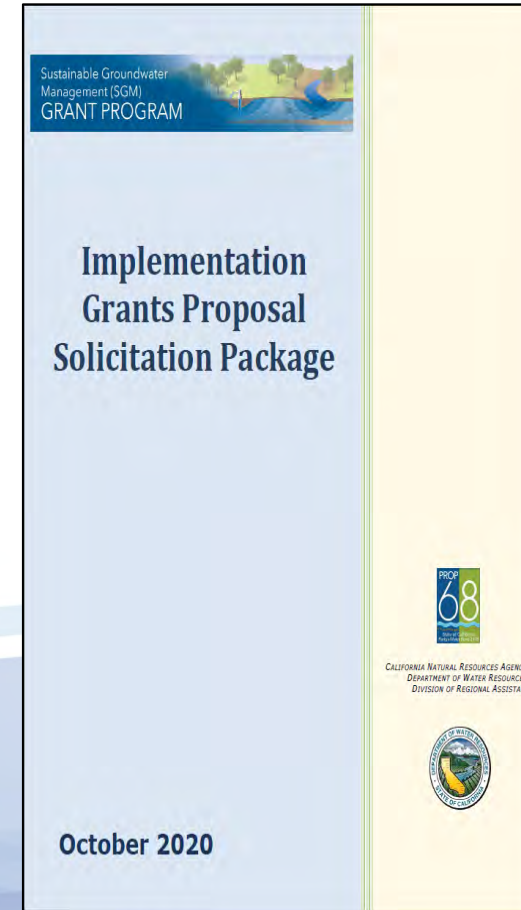
2. Resolved by the Indian Wells Valley Groundwater Authority, that an Application be made to the California Department of Water Resources to obtain a grant under the Sustainable Groundwater Management (SGM) Grant Program Implementation – Round 1 Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (Proposition 68) (Pub. Resources Codes, § 80000 et seq.), and to enter into an agreement to receive a grant for the following projects: (1) Imported Water Supply Alternatives Analysis, (2) Recycled Water Use Alternatives Analysis and/or (3) Recycled Water Project Phase 1: Treatment Design. The General Manager of the Indian Wells Valley Groundwater Authority, or designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, execute a grant agreement and any future amendments (if required), submit invoices, and submit any reporting requirements with the California Department of Water Resources. Passed and adopted at a meeting of the Indian Wells Valley Groundwater Authority on November 19th, 2020.

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IWVGA Board Meeting November 19, 2020

- **Proposition 68 Grant Funding Opportunity (2020)**

- Two rounds of funding through the Sustainable Groundwater Management Grant Program
- Administered by Department of Water Resources (DWR)
- “Implementation Grants Proposal Solicitation Package – Round 1”
 - Final solicitation package released October 30, 2020
 - **Applications due January 8, 2021**
 - Final Awards announced during May 2021
- Funds investments in groundwater recharge projects with surface water, stormwater, recycled water, and other conjunctive use projects



IWVGA Board Meeting

November 19, 2020

- Available Funding
 - Minimum grant amount = \$2,000,000
 - Maximum grant amount = \$5,000,000
 - Applicable for both Rounds 1 & 2 (i.e. up to \$10,000,000 available between Rounds 1 & 2)
- Round 1
 - \$21 million total grant funding available **only to critically overdrafted basins**
 - An additional \$5 million is designated for projects that are located within and solely benefit Underrepresented Communities (URCs)
- Round 2
 - At least \$62 million total grand funding available only to medium and high-priority basins, **including critically overdrafted basins**
 - An additional \$15 million or more will be designated for projects that are located within and solely benefit URCs
- Justification for projects benefitting URCs require a minimum five (5) letters of support from local URCs

IWVGA Board Meeting

November 19, 2020

- Local Cost Share
 - Minimum local cost share of 25%
 - May be reduced/waived if Project is located within an URC and benefits URCs
- Eligible Projects include those consistent with implementation of GSPs, such as:
 - Groundwater replenishment/conjunctive use projects
 - Groundwater contamination cleanup
 - Projects that support water supply reliability & water use efficiency
 - Projects that support water banking/exchange
 - Projects that support reclamation
 - E.g. Wastewater treatment and water recycling facility upgrades for groundwater replenishment project sources
- IWVGA Proposed Projects
 1. **Imported Water Supply Alternatives Analysis**
 2. **Recycled Water Use Alternatives Analysis**
 3. **Recycled Water Project Phase 1: Treatment Design**

IWVGA Board Meeting November 19, 2020

- Proposition 68 Application Format
 - Applicant Information Tab
 - Projects Tab
 - Questions Tab
 - Climate Risk in Investments Tab
 - Attachments Tab
 - Authorizing Documentation
 - Eligibility Documentation
 - Work Plan
 - Budget
 - Schedule
 - Local Cost Share Waiver/Reduction Justification (if any)
- Round 2 grant solicitation opens during spring 2022

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IWVGA Board Meeting November 19, 2020

- Prop 1 Status/Schedule

- Invoice #6:
 - Covers January 2020 through March 2020
 - Total payment after retention: \$40,218.79
 - Status: Submitted May 25, 2020
 - Final responses to DWR August 12, 2020
 - October 15th funds “reappropriated and released”.
 - November 13th DWR request to expedite.
- Invoice #7a (Prop 1):
 - Covers April through June 2020
 - Total payment after retention: \$95,904.35
 - Status: Submitted August 29, 2020
 - Progress Reports combined for Prop 1 and Prop 68 submitted August 29, 2020
 - Late October request for adding reference info on Tables. Submitted on November 11th.
- Next Invoice due by November 30, 2020

AGENDA ITEM 15a



IWVGA Board Meeting November 19, 2020

- Prop 68 Status/Schedule

- IWVGA was awarded \$330,000 of the maximum eligible of \$330,827 (with \$300,000 currently available).
- Grant agreement fully executed on May 4.
- Invoice # 7b (Prop 68)
 - Covers February 2018 through June 2020
 - Total payment after retention: \$246,353.04
 - Status: Submitted August 29, 2020
 - Late October request for additional reference info on Tables. Submitted on November 11th.
- Next Invoice due by November 30, 2020

AGENDA ITEM 15b



Groundwater Monitoring Program Items

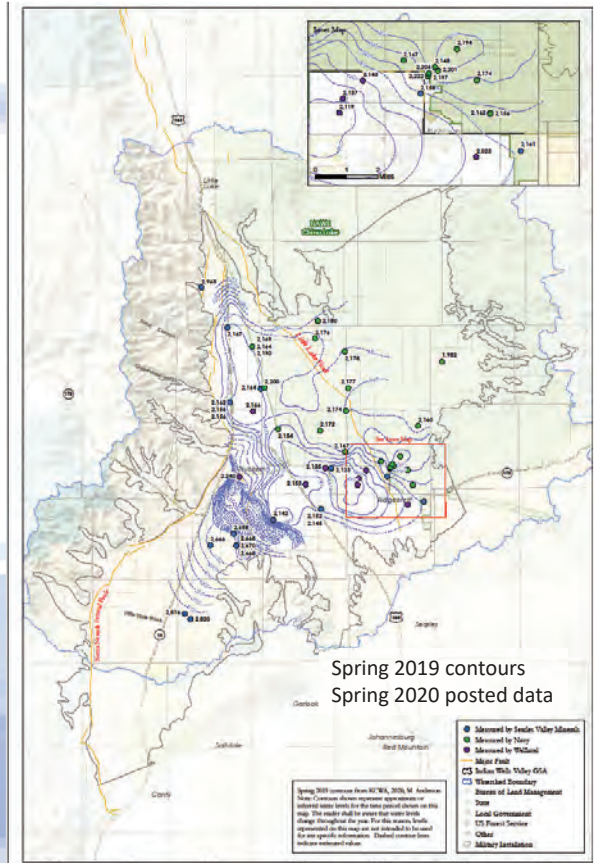
IWVGA Board Meeting: 11/19/2020

- *2020 GWMP tasks*
- *2019 Water Quality Sampling*
- *DWR Technical Support Services (TSS)
El Paso Multi-level Well*



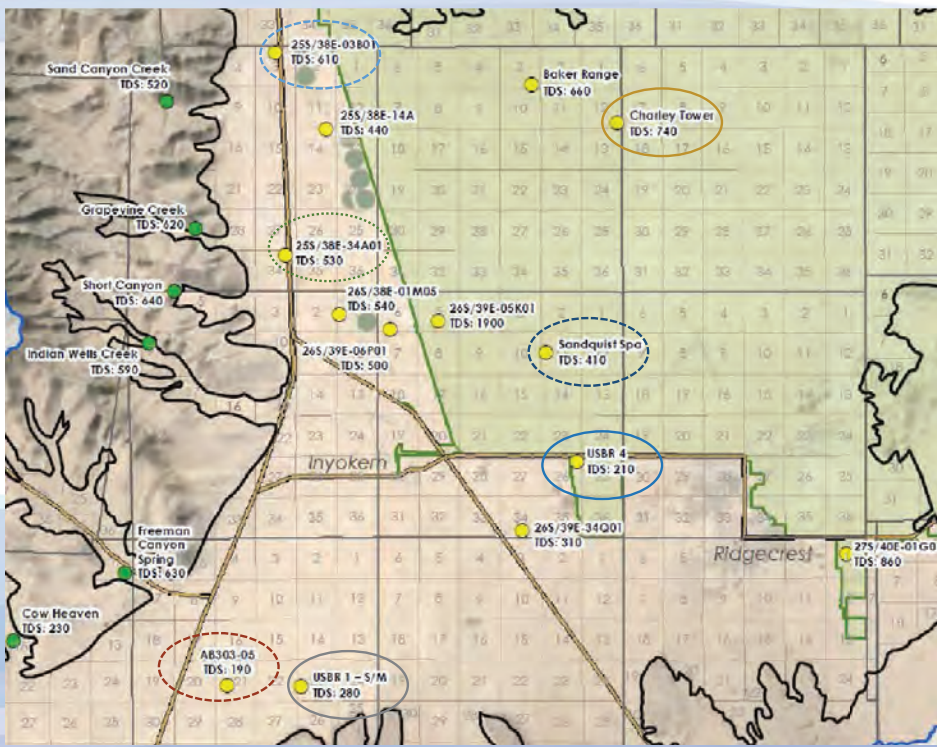
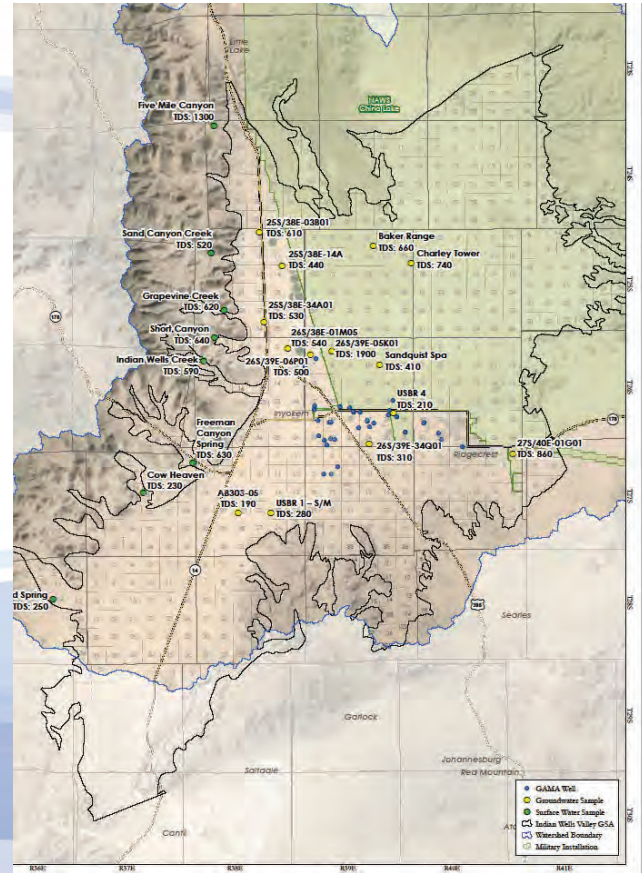
2020 Groundwater Monitoring Program

- Groundwater Level Monitoring (158 wells)
 - 2020 Spring GWL monitoring (50 with covid limitations)
 - 18 wells measured by Searles Valley Minerals 18
 - 24 wells measured by Navy measured
 - 8 wells utilizing WellIntel data
 - 2020 Fall GWL monitoring (~78 with covid limitations)
 - 30 wells measured by KCWA
 - ~40 wells to be measured by Stetson/Navy
 - 8 wells utilizing WellIntel data
- 2020 Annual Water Quality Sampling
 - 4 GSP key wells and 10 other monitoring wells
 - TDS, Arsenic, General Chemistry
 - Results reported in WY 2020 Annual Report
- Monitoring Network Maintenance
 - Data processing to DWR CASGEM and SGMA websites
 - Evaluating Well Completion, Status, and Security
 - Look for wells that can be included to fill GWMP data gaps
- Groundwater Dependent Ecosystems (GDE) Monitoring
 - Determine existing 3 shallow/artesian well pairs
 - Access Coordination with Navy
- Data Management System
 - Update data and ongoing website maintenance



2019 Water Quality Prop 1 Technical Memorandum

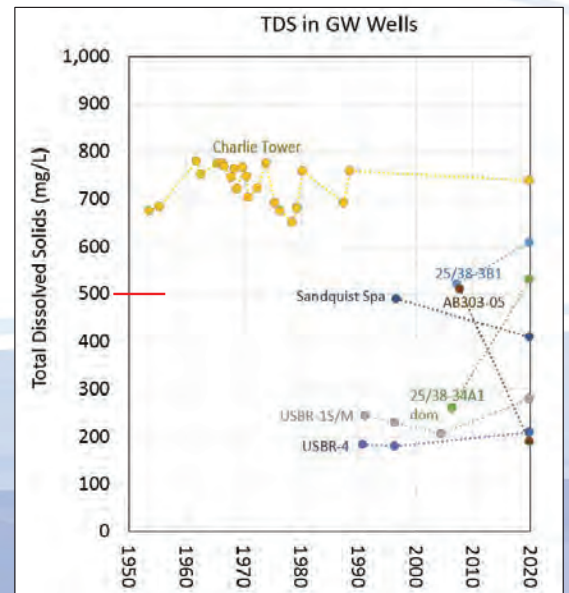
- Jun 27 and Sep 5, 2019 TAC Mtgs
- Fall 2019 Water Quality Sampling
 - 14 wells (5 DOM, 2 piezometers, 7 mw)
 - 8 surface water (5 streams, 3 springs)
- Draft Technical Memorandum posted with DWR Aug 31, 2020
- Response to Comments Matrix will be included with Revised Technical Memorandum
- Revised Technical Memorandum will be posted with DWR Dec 31, 2020
- Annual GSP Water Quality Sampling
 - Combined with Annual GAMA data reported from Production Wells



Dashed circles only 2 data points.

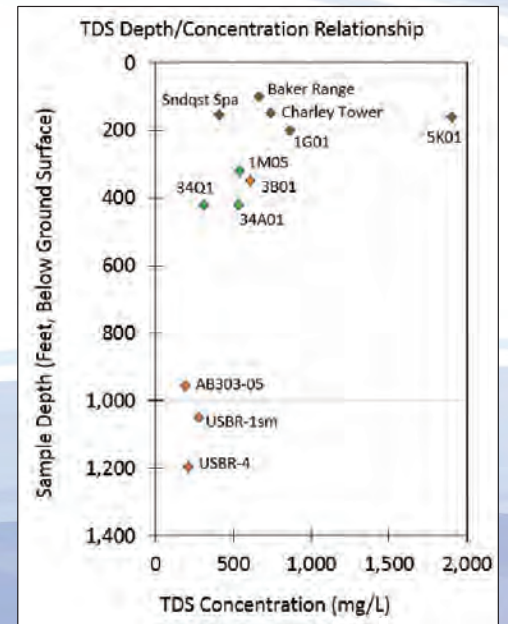
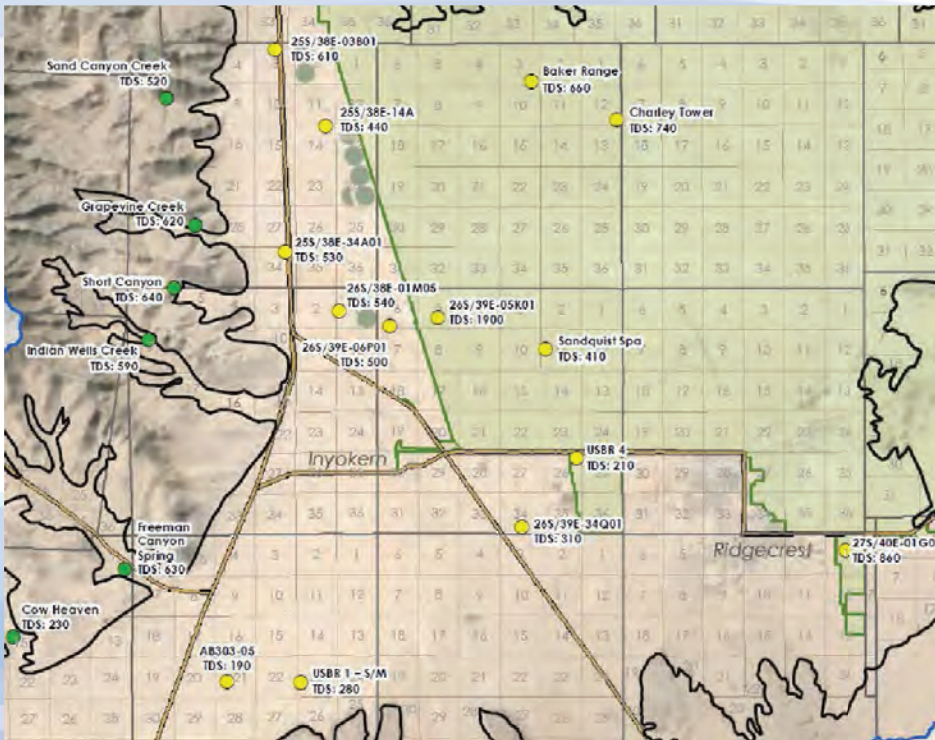
2019 Water Quality

- 7 Wells with Historical Data
 - SMCL 500 mg/L



2019 Water Quality

- Concentration, Location, and Depth



DWR/GA Technical Support Services (TSS)



- El Paso Well Site Visit November 6, 2020
 - BLM, DWR, Gregg Drilling, Stetson Engineers
- BLM Permitting
 - SF-299 filed for Category Exclusion + ROW Access Agreement
- EL Paso Nested Well
 - Drill borehole to 1,500 feet
 - Sediment sampling and geophysical logging
 - Install 3 nested 3-inch piezometers
 - Estimated depths: 320 ft 820 ft 1,320 ft
- DWR is drafting DWR/GA TSS Agreement
 - GA responsibilities include on-going well maintenance in the GWMP, and well abandonment at end of well's life
- IWV-GA Board approval of Agreement
- Anticipated Timeline if Approved
 - Start field setup for drilling mid-January
 - Complete well installation and development end of February

Isotopic Evaluation of Groundwater Recharge and Flow in Indian Wells Valley

Jenny B. Chapman
James M. Thomas
Desert Research Institute

November 19, 2020



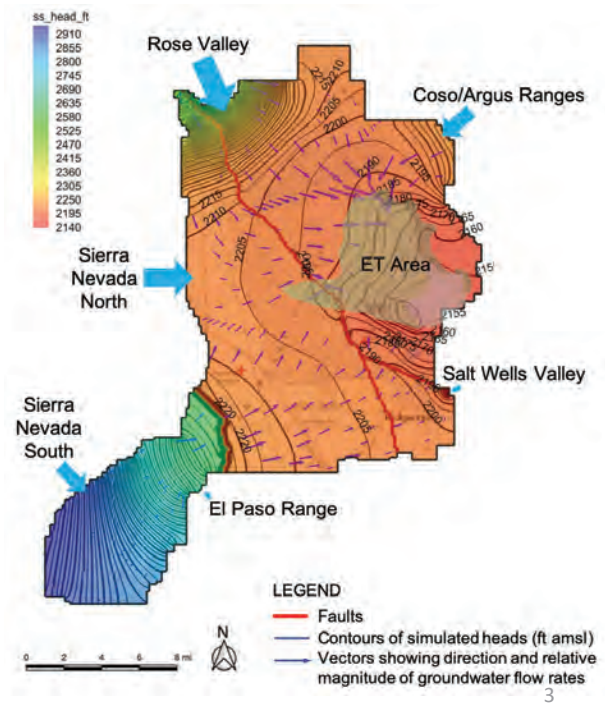
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Funding and Objectives

- Proposition 1 Task 8 – water quality and stable isotope sampling and analysis
- Evaluate & improve hydrologic conceptual model
 - Sources of groundwater (recharge)
 - Age of groundwater
 - Flowpaths

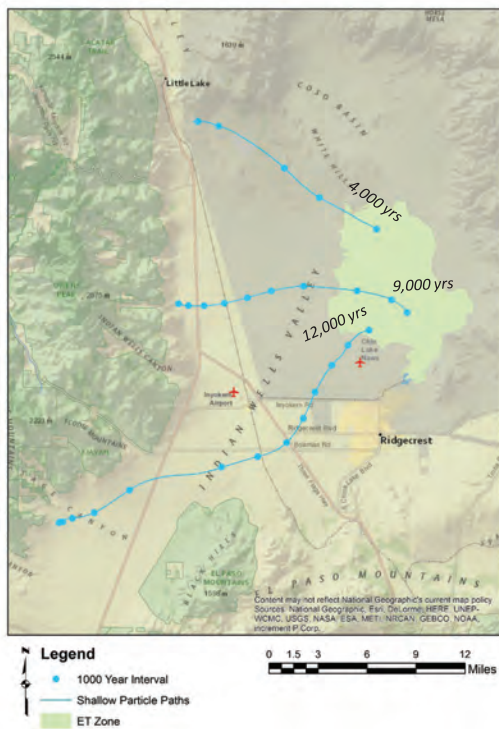
Why do recharge, groundwater age & flowpaths matter?

- Replenishment to the valley aquifer system (recharge) is key to determining the sustainable resource
- Groundwater travel times and flow paths provide a way to verify the groundwater model used for basin management

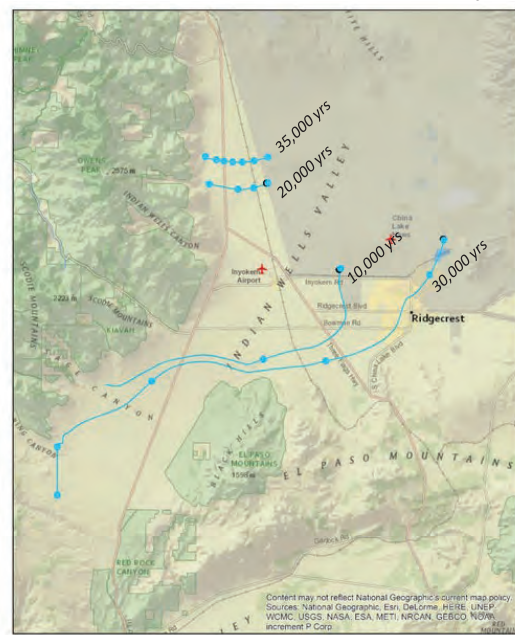


Approximate Model Flow Paths & Travel Times

upper model layer



intermediate model layer



Fundamentals

Isotopes of a chemical element have slightly different mass due to different number of neutrons

- Isotopes are used as tracers for groundwater
- Hydrogen and Oxygen isotopes are part of water molecule and tell a history of condensation temperature and evaporation; temperature can relate to climate
- Carbon isotopes are dissolved in water from inorganic and organic sources, radioactive C-14 is used for dating

5

Data

- 3 surface water samples and 7 groundwater samples collected in 2019 analyzed for hydrogen and oxygen isotopes, ^2H and ^{18}O
- 3 surface water samples and 4 groundwater samples analyzed for inorganic carbon isotopes, ^{13}C and ^{14}C
- 1 surface water sample and 1 groundwater sample analyzed for organic carbon isotopes
- Existing data include close to 100 surface water and groundwater analyses for ^2H , ^{18}O , and ^{14}C

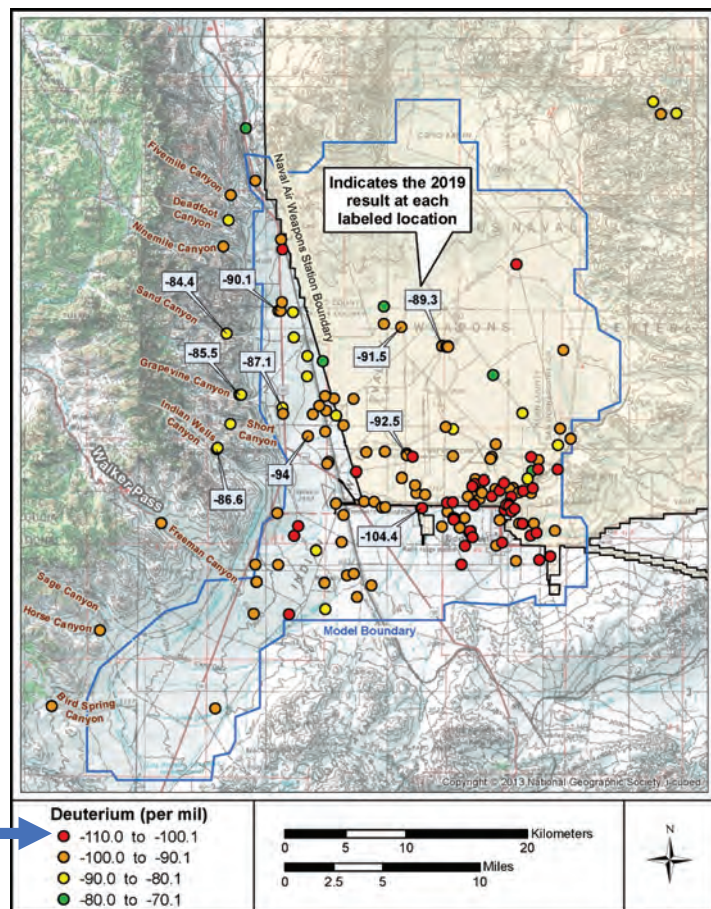
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Findings

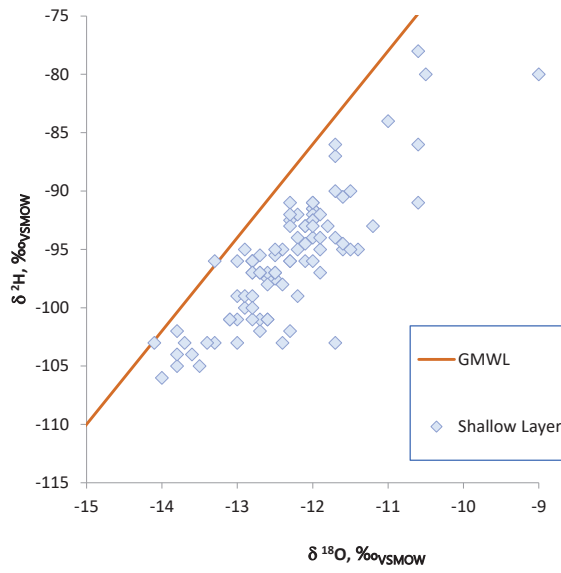
Modern = from 0 to 12,000 years, current climate
 Pleistocene = 12,000 to over 2 million years ago,
 includes most recent Ice Age

- Much of the groundwater in IWW has a hydrogen & oxygen isotopic content consistent with modern recharge
 - This water tends to be in shallow parts of aquifer system
- Groundwater with an isotopic content different from modern recharge also occurs
 - The nature of the isotopic difference suggests recharge during cooler and wetter conditions, as occurred during the Pleistocene
 - This water tends to be in deeper parts of the aquifer system and closer to discharge zone
- Waters of modern and Pleistocene character are also distributed in other parts of basin

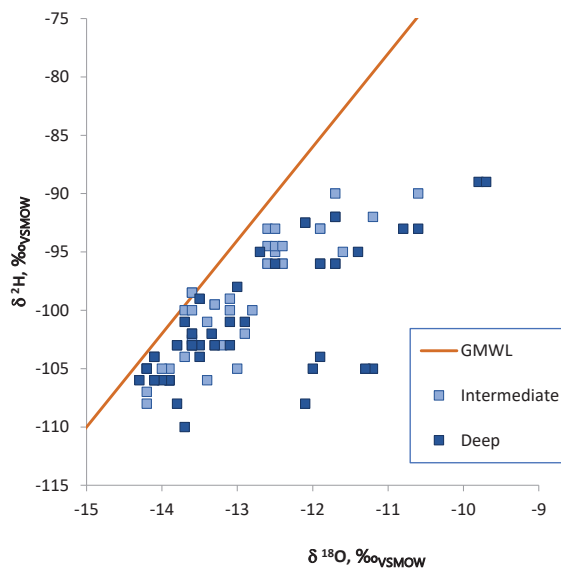
7



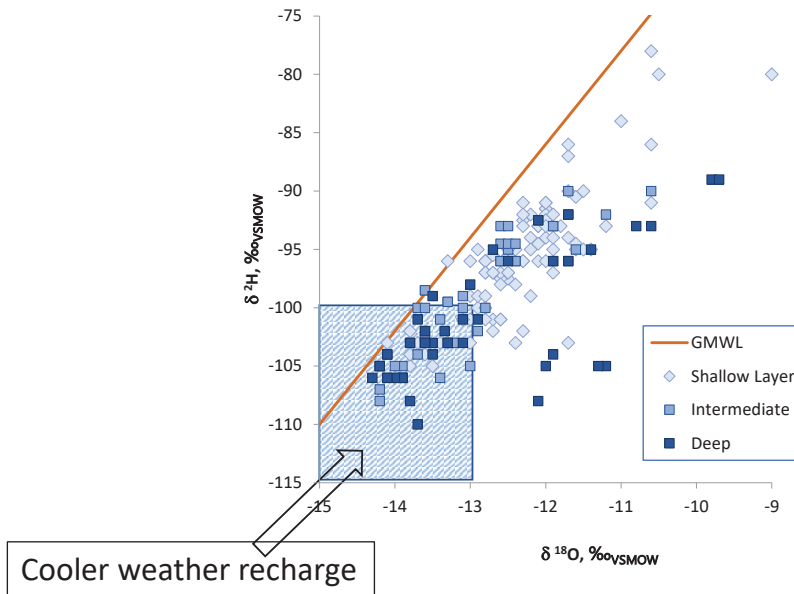
8



9



10



11

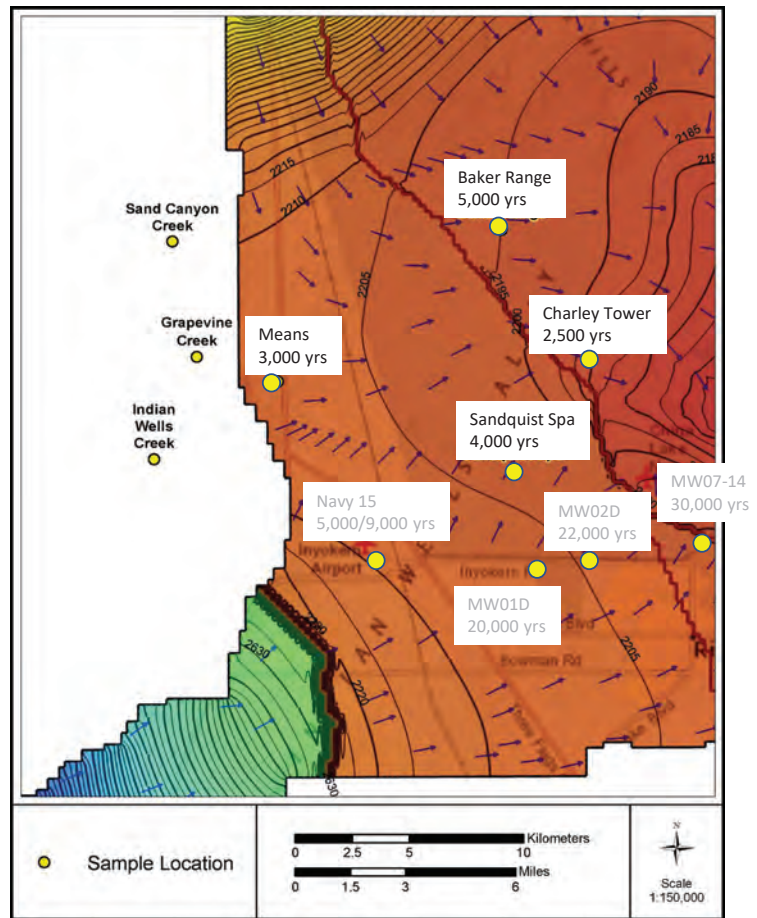
Findings

- Travel times calculated from ^{14}C for groundwater recharged along the western range front to flow into the central IWV basin are on the order of 3,000 to 6,000 years
- Groundwater with residence times of 12,000 to 30,000 years also occurs, most often in deeper portions of the basin and areas closer to the discharge zone

12

Black text indicates
2019 C-14 samples –
all from shallow zone

Grey text indicates
previous C-14 data –
all from deeper zones



13

Conclusions

Oxygen, hydrogen, and carbon isotopic data are consistent with the groundwater flow model used in the GSP

Isotopic Data

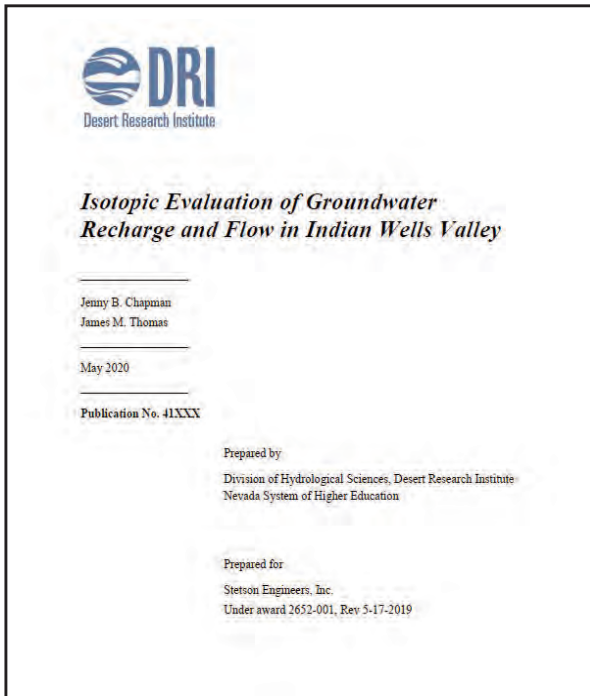
- ^2H & ^{18}O for much of the groundwater in basin is consistent with recharge from highlands during current climate
- ^{14}C travel time from western range front to several central IWV wells is between 3,000 and 6,000 yrs
- ^{14}C travel times of 12,000 to 30,000 yrs (and ^2H & ^{18}O of past climate) for some deeper groundwater wells closer to discharge zone

GSP Flow Model

- Simulates recharge from surrounding highlands
- Simulates travel times in shallow model layer from Sierra range front to China Lake discharge zone of 4,000 to 12,000 yrs
- Simulates travel times in deeper model layers from west and southwest to mid-valley and discharge area of 10,000 to 35,000 yrs

14

Report



Technical Reviews by

DRI: S. Bacon
R. Hershey
K. Pohlmann

Stetson: J. Moran

TAC: M. Boyd
D. Decker
T. Parker
E. Teasdale

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**Indian Wells Valley Groundwater Authority
October 2020 Financial Report**

	FY 2019 Actuals	2020 Budget	through October (GSP)	through October (Admin)
Beginning Balance	476,713		83,900	-
County of Kern Advance	-	-	-	-
IWVWD Advance	-	-	27,835	-
Navy in-Kind	-	-	-	-
IWVWD In-kind	-	-	-	-
Initial Member Contribution	-	-	-	-
Beginning Balance	476,713	-	111,735	-
Revenues				
DWR	-	-	-	-
Prop 1 Grant	851,406	-	174,984	-
-GSP Preparation @ \$1,500,000	-	-	-	-
-SDAC @ \$646,000	-	686,800	-	-
SDAC Reimbursement	-	244,165	-	-
Assessment Pumping Fee	567,846	506,000	575,368	-
Total Revenue	1,419,253	1,436,965	750,352	-

Expenses		
Task 1- Initial GSP Support Studies	31,762	NO LONGER USED FOR FY 2020
Task 2- Proposition 1 SGMA GSP Development Grant	43,389	
Task 3- Data Management System	96,332	
Task 4- GSP Development and Submittal	764,106	
Task 5- SDAC Projects	25,065	
Task 6- IWVGA Project Management and Administrative Tasks	123,178	
- City of Ridgecrest Reimbursement	-	
Task 7- Legal Services	112,305	
Task 8- Stakeholder/Authority Coordination	206,295	
- Additional PAC/TAC/Board Meeting Support	-	
- Additional Pump Fee Support	-	
Task 9- Groundwater Pumping Fee Support	103,023	
Stetson- TSS Support	7,333	
Stetson- Brackish Water Support	6,025	
Stetson- Imported Water Coordination	30,774	
Stetson- Allocation Process Support	97,073	
Stetson- Navy-Coso Funding Support	5,698	
Auditing Services & IWVWD Reimbursement for Website fees	6,276	
Banking Fees	-	
Addtl Insurance Cost	9,967	
PAC & TAC Meeting Costs	6,142	
Water Marketing	118,683	
Well Monitoring	15,590	
Water Smart Grant	3,050	
Undocumented Expenditures (pre-FY2018)	-	
Total Expenses	1,812,065	

	GSP Budget	Admin Budget	through October (GSP)	through October (Admin)
City of Ridgecrest Reimbursement	210,466	-	-	-
County of Kern Advance Reimbursement	500,000	-	-	-
IWV Water District Advance Reimbursement	500,000	-	-	-
- IWV Water District credit for invoices pd on behalf of IWVGA	82,014	-	-	-
Legal Services	68,228	350,000	15,976	22,357
Stetson	310,000	996,000	682,307	-
DRI	-	-	3,591	-
SDAC	537,163	-	-	-
Auditing Services	-	7,000	1,800	6,000
IWVWD Reimbursement for Website fees	-	-	-	276
Banking Fees	-	-	-	-
Additional Insurance Cost	-	10,000	-	9,993
PAC & TAC Meeting Costs	1,000	11,000	-	-
Water Marketing	-	-	-	27,835
Water Wise Consulting	-	-	-	24,885
Well Monitoring	-	-	-	1,260
Other (Mailer, etc.)	-	5,000	1,888	3,489
Total Expenses	2,208,871	1,379,000	705,562	96,095

Ending Balance		(2,150,906)		60,430
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Unpaid Invoices		
Brown Armstrong INV# 255927, 09/27/20		1,900.00
California Rural Water Association INV# ICSD-FSLD-A-001, 10/12/20		16,457.40
California Rural Water Association INV# ICSD-FSLD-A-002, 11/10/20		13,153.09
RWG Law INV# 229230, 11/12/20		21,195.00
Stetson INV# 2652-32, 04/16/20 (approved, deferred)		105,748.23
Stetson INV# 2652-35, 07/20/20 (approved, deferred)		109,589.65
Stetson INV# 2652-36, 08/14/20 (approved, deferred)		103,189.02
Stetson INV# 2652-37, 09/10/20 (approved, deferred)		147,792.99
Stetson INV# 2652-38, 10/09/20		68,616.69
Stetson INV# 2652-39, 11/11/20		49,307.67
		636,949.74

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To: Don Zdeba, General Manager Indian Wells Valley Groundwater Authority

From: Jeff Simonetti, SVP Capitol Core Group

cc: Michael W. McKinney, Partner
Todd Tatum, Senior Advisor Capitol Core Group

Date: November 19, 2020

Subject: Project Update Memorandum –October 2020 Activities

In October, Capitol Core primarily focused its work on both outreach for funding procurement as well as monitoring and positioning amendments for the National Defense Authorization Act (NDAA) for policy items related to water scarcity and Department of Defense installations. This memorandum will outline the specific tasks completed in October, and the next steps we will conduct during the month of November.

National Defense Authorization Act (NDAA, H.R. 6395 and S. 4049)

As discussed in our September memo, we continue to work with Reps. Cook and McCarthy regarding our amendments to the National Defense Authorization Act regarding water scarcity and water needs determinations for military installations. All amendments to the NDAA will have to be determined in Conference Committee. As of the time of writing this memo, the House and Senate Armed Services Committee members have not yet named conferees. It is still undetermined as to timing for when the Conference Committee will convene.

Federal Funding Opportunities – DCIP Program

There are a few updates to the Defense Communities Infrastructure Program (DCIP) that occurred in October. First, we actively worked on supporting the DCIP amendments that Rep. John Garamendi (D-CA and Chair of the Subcommittee on Readiness) put forth regarding the DCIP and its focus on resiliency. As we mentioned in our Board agenda item regarding the Authority's letter of support, the amendments that Rep. Garamendi proposed would bring resiliency as the top priority for the Office of Economic Adjustment (OEA) to consider when reviewing DCIP applications. The Authority Board voted unanimously on a letter of support for these amendments, and we are working diligently to ensure that this provision passes in the NDAA.

On the appropriations side, the Senate version of the defense appropriation bill put \$100 million in for the program for 2021. This figure is double last year's appropriated figure of \$50 million. Both the Garamendi amendments and the Senate appropriation are "conference-able" items meaning that they currently are part of either the House or Senate bills, but not both. As such, the Conference Committees convened for each bill will have to vote on the text for each provision to determine what ends up in the final bill. As with the NDAA, there is no timeline set yet for when the Conference Committees for each bill will convene.

Other Federal Legislation

As part of our Scope of Work, Task 3 instructs us to determine potential funding sources that the Groundwater Authority may avail themselves to assist financially with the water infrastructure project. There are a few bills that we are monitoring and have actively engaged on including:

- **AWIA and DWIA (Sen. Barasso, R-WY):** As mentioned last month, these bills remain in Committee awaiting further markups. We will continue to monitor their progress in the upcoming month and determine whether these provisions may be rolled into omnibus infrastructure bills currently moving forward in the Congress.
- **Water for Tomorrow Act (Sen. Harris, D-CA):** Senator Harris introduced the Water for Tomorrow Act, which adds further programs that may be beneficial to the Authority's goals. Specifically, there are provisions that would provide funding for disadvantaged communities to address both water supply shortfalls and wastewater treatment needs. The bill from Senator Harris is part of a set of companion legislation moving through the House from Representative Jim Costa (D-CA). We are coordinating with IWVGA staff to determine whether there are eligible projects for this legislation should it or the companion House legislation pass, and we are monitoring its progress in the Senate.

Election Outcomes:

In terms of the 2020 election, our local House races have been decided. At the time of writing, Minority Leader Kevin McCarthy won his reelection bid receiving 61.6% of the vote. In House District 8, Republican Jay Obernolte won with 56.1% of the vote at the time of writing. Obernolte will replace Rep. Paul Cook, who won his election to fill the seat of retiring San Bernardino County 1st District Supervisor Robert Lovingood.

At the national level, we are monitoring two seats and their impacts on water legislation that is attempting to move in the "lame duck" session of Congress. In Colorado, Democratic former Governor John Hickenlooper defeated incumbent Republican Senator Cory Gardner. In California, the race in CA House District 21 between TJ Cox (Democrat incumbent) and David Valadao (Republican challenger) remains too close to call, though it is trending towards an upset. House District 21 represents parts of northwestern Kern County as well as parts of Kings and Fresno Counties. With 99% of the ballots tallied, Valadao leads Cox by a 50.6% to 49.4% margin. David served for 3 terms as the Congressman from this district before TJ Cox unseated him in the 2018 midterms. TJ Cox and Cory Gardner have a few water-related bills pending in the lame duck session. It remains to be seen whether these bills will have a path forward considering their election losses.

Other Activities

During October, we reviewed information regarding potential imported water supplies per staff's request and the current state of the water market, particularly related to the Central Coast Water Authority supplies. We also attended the Special Meeting on October 29th to provide support on two items before the Board.

Next Steps

Our primary focus in November will be to actively monitor and advocate for provisions within the National Defense Authorization Act and the DCIP appropriation. We will also monitor the pending water bills moving forward through Congress to determine whether they get any further consideration.

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WaterWise
Consulting, Inc.

"Conserving our natural resources for future generations"

WATER CONSERVATION REBATE PROGRAM

Indian Wells Valley Groundwater Authority Monthly Report

October 2020

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Rebecca Shields Moose

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Contents

Month Four Summary	3
Overview	3
Marketing and Outreach	3
Program Applicants and Customer Service	3
Budget	4
In Closing	4
Month Four	4

Month Four Summary

Overview

In June 2020 Indian Wells Valley Groundwater Authority (IWVGA) and WaterWise Consulting (WWC) entered into a contract to provide a rebate program to Severely Disadvantaged Communities (SDACs) within the IWVGA area. This water conservation program provides rebates to both residential and commercial sites for the installation of high-efficiency water devices. The program is funded for 10 months of administration, and is set to conclude in May 2021. In October work continued on outreach and marketing to raise awareness of the new program.

Marketing and Outreach

The program launched in August. Program marketing continued through October. Postcards were again mailed directly to our existing list of customers. Phone calls were made again to contractors, and were expanded to local churches. This generated some interest but no applications, and the phone calls will continue in November.

After a meeting with IWVGA on October 20, efforts were expanded to reach out to mutual water companies in the area. Efforts were made to obtain the phone numbers of the rural water associations to contact the customers directly, but contacts were not willing to share that information. The contacts were instead shipped postcards to include in their next month's billing to their customers. The groups that were shipped postcards are:

1. West Valley Mutual Water Company
2. China Lake Acres Mutual Water Company
3. Sweetwater Co-op
4. Owens Peak West
5. South Desert Mutual Water Company
6. East Inyokern Mutual Water

We are still attempting to make contact with the representative for Pearsonville water system.

Additionally, the Department of Water Resources updated their mapping portal with SDAC data for 2018. This resulted in updates being needed for the program website, to keep instructions accurate for visiting customers.

Program Applicants and Customer Service

Response to the program marketing remains low. Our only customer calls regarding the program were in response to voicemails we left with contractors. We were able to send out postcards to three contractors who expressed interest in marketing the program to their customers.

Staff were available during business hours Monday through Friday for incoming calls, emails, and to mail out printed copies of applications or postcards as needed.

Budget

Total costs in October were \$5,970. This included the \$5,000 monthly administration fee and Design, Marketing & Outreach costs of \$720. Most hourly costs went towards phone calls, distribution of postcards to contractors and rural water associations, and updating the website. Program management fees in October totaled \$250, for the meeting on October 20 and managing the SDAC portal updates. Remaining program budget at the end of October was \$119,145.

In Closing

Month Four

With continued lack of applications, the focus in month four was ongoing outreach efforts to better reach eligible customers. Direct contacts to contractors, churches, and rural water associations produced some initial positive responses, though no applications have yet been submitted. Concern over lack of applications will drive further marketing and outreach until we see the expected levels of program participation.

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IWVGA September 2020 Report

Michael Sims (Leak Detection Lead)

On September 2, 2020 my team and I traveled to Randsburg to stay the evening at the Cottage Inn. We had a team meeting at the Cottage Inn with great accommodations. We discussed the outline I put together and any concerns from the team before our meeting on the 3rd.

Inyokern CSD Kick Off Team Meeting on September 3, 2020 at 9:00AM at Inyokern CSD Office on Broadway & 2nd Present: Jack Bracken GM, Michael Sims, Abel Silva and Mark Hardison, Lauren was absent.

Outlined Discussing Points:

1. An authorized water system employee with a vehicle and familiarity of the water system to be surveyed must remain available.
2. Traffic Management and or flagger safety must be provided by the client, if needed and or required by local County or State requirements
3. Meter cans full of dirt, water, sand, insects, snakes, gophers, spiders, etc.
Any valves installed on the pipe to be surveyed should be operated if possible, to make sure they are fully open. Any boundary / closed valves should be acoustic sounded to make sure valves are not passing water.
4. Detailed maps, where is the pipe?
5. Roads conditions
6. Weather conditions
7. Terrain- (rural verse urban) distance of system boundary's
8. Animals-domestic and wild
9. Elderly board members who have very little knowledge of system and depend on contract operator
10. Hostile people
11. Druggie-addicts
12. Safety and health

Discussed the outline and exchanged emails, phone numbers, hours of operation. I asked Jack for the systems maps and if he could have them copied, and "he says no", because there was nothing in the area to do so, I asked if I could take them have them copied and put in a digital format (PDF), "he said yes". I told him I would return them on our next visit and be in touch.

September 22-24 Start-Inyokern CSD-IWVGA-Full System Leak Audit with full team. Michael, Abel and Mark.

There customers on the system asking who we were, what we were doing and why. Some good and some not so good. We worked each day about 4-5 hours because of the heat index and very smokey conditions from the fires. Jack is slow in getting information sometimes to me, but Lauren is better. We are finding a lot of leaks: no meters, meters not registering, hydrants leaking, valves, service line leaks. We are documenting everything we touch and taking pictures.

Jacob has put together folders for reporting on the system server for ease of access for the team to report updated information.

We are doing our best under the conditions of the area and amazing/uncommon times we're in.

IWVGA October 2020 Report (Michael Sims- Leak Detection Lead CRWA)

October 6th-7th & 8th CRWA staff returned to Inyokern CSD-IWVGA-Full System Leak Audit with a full team. Michael, Abel, and Mark.

The customers/residents of Inyokern CSD asked who we were, what we were doing, and why. Some experiences were good and some not so good. We worked each day for about 4-5 hours due to the heat index and smokey conditions from the fires. Jack (GM-ICSD) is slow in getting information sometimes to me, but Lauren (Admin-ICSD) is better. We are finding a lot of leaks: some have no meters, meters not registering, hydrants leaking, valves, swamp coolers lines corroded and leaking, and service line leaks. We are documenting everything we touch and taking pictures.

It is very difficult to get information from Jack (GM-ICSD) via email so everything I need is during our visits to the system, in turn, which is better anyway.

October 8th-9th we all downloaded our information from equipment and inputted data from the onsite leak audit to our laptops.

CRWA technicians spent time this month creating report templates and inputting data, pictures, mapping.

October 9th Jacob (Admin-CRWA) and I had an internal call to discuss budgets and any concerns I have or need. He has been trying to get maps for the four water systems from Audrey in the Searles Valley along with operator information that I have requested.

October 15th From our internal conference call was asked of Jacob to correspondence regarding the remaining funds and additional systems, he researched and pulled together potential candidates within the IWVGA boundary that might be eligible for rate study, leak detection, and repair services. These systems were classified as SDAC using the Prop 1 DAC mapping tool, per Task 1 of our agreement. Hoping these seven systems he found will meet our timeline and budget.

October 16th, I mentioned to Jacob the conditions in the IWVGA area are causing significant wear to our footwear. Given the potential hazards that the areas present we need proper footwear to conduct our on-site services. Jacob approved the expense of this equipment to the program as they are essential equipment for working in the region. Please be sure, as with all other equipment expenditures that you retain a copy of the receipt.

October 29th, Jacob and I have had another internal call to discuss the budget and the need for information for Audrey. I asked if there was any luck in reaching her yet. I need information for the four systems in Searles Valley. Jacob sent another email on Oct 29th.

My team and I will be completing the Inyokern CSD leak detection audit in November onsite. We will begin work on Searles systems beginning in December pending official "notice to proceed" from IWVGA. It would be easier with the information on these systems. The needed contact support information for these systems would be much appreciated.

It's taken this whole month to accomplish in making sure all of our leak detection equipment be sent in for checked up maintenances. All correlators, ground mics, loggers, and misc. equipment by the vendors. Some of the units needed batteries, cable sensors to meet standards on the units. Plus, anything else that might need to be repair or replaced.

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