

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

Wednesday, March 10, 2021

Closed Session 10:00 a.m.

Open Session: No earlier than 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. All Public Comment portions 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

- CONFERENCE WITH REAL PROPERTY NEGOTIATIONS –
(Government Code Section 54956.8) - Property: State Water Project Importation;
Agency Negotiator: Capitol Core Group; Negotiating Parties: Various; Under
Negotiation: Price and terms of payment.
- CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION
(Government Code Section 54956.9(b)) - Number of cases: (2)
- 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 – No earlier than 11:00 a.m.

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

5. PUBLIC COMMENTS

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

6. CONSENT AGENDA

- a. Approve Minutes of Board Meeting February 10, 2021
- b. Approval of Resolution No. 02-21 Appointing Charlotte Baldwin as TAC representative for U.S. Navy, DoD Liaison
- c. Approve Expenditures
 - i. \$1,000.00 – Brown Armstrong – (Extraction Fee)
 - ii. \$6,660.00 – WaterWise Consulting – (Prop. 1 Grant – SDAC)
 - iii. \$23,278.75 – California Rural Water Association (Prop. 1 – SDAC)

7. BOARD CONSIDERATION AND ADOPTION OF RESOLUTION 03-21 READOPTING AND AMENDING THE BYLAWS TO REFLECT CHANGE OF ADDRESS (Keith Lemieux / Ron Strand)

8. BOARD CONSIDERATION AND APPROVAL OF GSP PLANNED PROJECTS PROJECT NO. 1 – SURFACE PERCOLATION REPLENISHMENT AND PILOT/DEMONSTRATION (Steve Johnson / Steve Reich)

9. BOARD CONSIDERATION AND POSSIBLE APPROVAL OF VARIANCE REQUEST PER ORDINANCE NO. 04-20 BY J. FREEMAN (Jeff Helsley)

10. WATER RESOURCES MANAGER REPORT

- a. Proposition 1 Grant Status Update
- b. Proposition 68 Grant Status Update
- c. New Proposition 68 Grant Funding Application
- d. Recycled Water Program Update
- e. Navy/COSO Royalty Fund 2021 Project(s)
- f. GSP Planned Projects – Project No. 4 Shallow Well Impact Mitigation Program Update
- g. Request for annual groundwater extraction report from NAWS China Lake

11. GENERAL MANAGER’S REPORT

- a. Introduction of Regional Government Services (RGS) Employees

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

12. CLOSING COMMENTS

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

13. DATE OF NEXT MEETING – April 14, 2021

14. 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 MEETING MINUTES

Wednesday, February 10, 2021; 10:00 a.m.

IWVGA Members Present:

Chairman Scott Hayman, City of Ridgecrest	Ron Strand, IWVGA General Manager
Phillip Peters, Kern County	Keith Lemieux, Legal Counsel
Stan Rajtora, IWVWD	Steve Johnson, Stetson Engineers
John Vallejo, Inyo County	Commander Peter Benson, US Navy, DoD Liaison
Tim Itnyre, San Bernardino County	April Keigwin, Clerk of the Board
Thomas Bickaaskas, Bureau of Land Management	

Attending via teleconference is Tim Itnyre, John Vallejo, Steve Johnson, Keith Lemieux, Commander Peter Benson, and Thomas Bickaaskas.

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 Hayman at 10:05 a.m.

2. PUBLIC COMMENT ON CLOSED SESSION:

None.

Chairman Hayman calls the meeting into Closed Session at 10:07 a.m.

3. CLOSED SESSION:

- PUBLIC EMPLOYEE APPOINTMENT –
(Government Code Section 54957(b)(1)) - Title: General Manager
- CONFERENCE WITH REAL PROPERTY NEGOTIATIONS –
(Government Code Section 54956.8) - Property: State Water Project Importation; Agency Negotiator: Capitol Core Group; Negotiating Parties: Various; Under Negotiation: Price and terms of payment.
- CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION (Government Code Section 54956.9(b)) - Number of cases: (1)
- CONFERENCE WITH LEGAL COUNSEL – INITIATION OF LITIGATION (Government Code Section 54956.9(c)) - Number of cases: (3)
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(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.

Closed Session adjourned at 11:07 a.m.

4. OPEN SESSION:

Meeting reconvenes into open session at 11:12 a.m.

a. Report on Closed Session:

Counsel Lemieux reports the Board met on the first two Closed Session items and states no action was taken that would require disclosure under the Brown Act. Lemieux states Closed Session will reconvene after the meeting to discuss the litigation items.

b. The Pledge of Allegiance is led by Chairman Hayman

c. April Keigwin calls the following roll call:

Chairman Hayman	Present
Vice Chair Rajtora	Present
Director Itnyre	Present
Director Peters	Present
Director Vallejo	Present

5. PUBLIC COMMENT:

None.

6. CONSENT AGENDA:

a. Approve Minutes of Board Meeting January 21, 2021

b. Approve Expenditures

- i. \$72,409.46 – Stetson Engineers – (Prop. 1 Grant)
- ii. \$10,112.50– Capitol Core Group - (Replenishment Fee)
- iii. \$5,000.00– WaterWise Consulting – (Prop. 1 Grant – SDAC)
- iv. \$1,680.00 - WellIntel Inc. – (Extraction Fee)
- v. \$221.48 – The Daily Independent (Extraction Fee)
- vi. \$100.00 – California Association of Mutual Water Companies (Extraction Fee)
- vii. \$276.00 – Squarespace, Inc. – (Reimbursement to IWVWD)

Ron Strand clarifies the invoice for California Association of Mutual Water Companies will be paid with both the Extraction Fee and Replenishment Fee.

Motion made by Phillip Peters and seconded by Stan Rajtora to approve Minutes of Board Meeting January 21, 2021 and the following expenditures in the amount of \$72,409.46 to Stetson Engineers, \$10,112.50 to Capitol Core Group, \$5,000.00 to WaterWise Consulting, \$1,680.00 to WellIntel Inc., \$221.48 to The Daily Independent, \$100.00 to California Association of Mutual Water Companies, and \$276.00 to Squarespace, Inc (reimbursement to IWVWD).

Motion carries by the following roll call vote:

Chairman Hayman	Aye
Vice Chair Rajtora	Aye
Director Itnyre	Aye
Director Peters	Aye
Director Vallejo	Aye

7. BOARD REVIEW AND APPROVAL OF PROFESSIONAL SERVICES AGREEMENT FOR GENERAL MANAGEMENT AND ADMINISTRATIVE SERVICES BETWEEN REGIONAL GOVERNMENT SERVICES AUTHORITY AND IWVGA:

Ron Strand and Chris Paxton of Regional Government Services present the Professional Services

Agreement (agreement made available on the IWVGA website).

The Board hears public comment from Renee Westa-Lusk and Kimberly Leefatt.

Motion made by Phillip Peters and seconded by John Vallejo to approve the Professional Services Agreement between Regional Government Services and IWVGA.

Motion carries by the following roll call vote:

Chairman Hayman	Aye
Vice Chair Rajtora	Aye
Director Itnyre	Aye
Director Peters	Aye
Director Vallejo	Aye

8. BOARD CONSIDERATION AND APPROVAL OF GSP PLANNED PROJECT NO. 4 – SHALLOW WELL (IMPACTS) MITIGATION PROGRAM:

Steve Johnson and Jean Moran provide a staff report and presentation detailing the Shallow Well Impact Mitigation Program (documents made available on the IWVGA website).

The Board hears public comment from Mike Neel, Renee Westa-Lusk, and Judie Decker.

Motion made by Stan Rajtora and seconded by Phillip Peters to approve GSP planned project No. 4 - Shallow Well Impact Mitigation Program.

Motion carries by the following roll call vote:

Chairman Hayman	Aye
Vice Chair Rajtora	Aye
Director Itnyre	Aye
Director Peters	Aye
Director Vallejo	Aye

9. WATER RESOURCES MANAGER REPORT:

Steve Johnson and Steve Reich provide updates on the following grants/programs: Prop. 1 Grant Status, Prop. 68 Grant Status, New Prop 68 Funding, Recycled Water Program, Navy/COSO Royalty Fund 2021 Project(s), and GSP Planned Projects – Project No. 1 Surface Percolation Replenishment and Pilot/Demonstration Project (presentations made available on the IWVGA website).

The Board hears public comment from Judie Decker.

10. GENERAL MANAGER’S REPORT:

Ron Strand provides updates on the following: Monthly Financial Report, Severely Disadvantaged Communities (SDAC) Program, Delinquent Accounts, and Well Registration Update (documents made available on the IWVGA website). Counsel Lemieux discusses the status of the Transient Pool Program. Michael McKinney, of Capitol Core Group presents a revised Strategic Funding Plan (document made available on the IWVGA website).

The Board hears public comment from Kimberley Leefatt.

11. CLOSING COMMENTS:

Vice Chair Rajtora requests an item be added to the March agenda to discuss IWVWD being granted a variance from the Replenishment Fee for water extracted to serve those living at the Navy Contractor Berthing Camp. Counsel Lemieux acknowledges the request and states staff will be discussing this before the March meeting.

Chairman Hayman welcomes the new San Bernardino County Representative, Tim Itnyre.

Director Itnyre states he appreciates how helpful staff has been providing materials and bringing him up to speed. Itnyre further shares he looks forward to working with the Board to solve the groundwater challenges of the Indian Wells Valley Basin.

Chairman Hayman recesses meeting at 1:01 pm.

Chairman Hayman calls the meeting into closed session at 1:15 p.m.

Chairman Hayman adjourns closed session at 2:30 p.m.

Chairman Hayman calls the meeting into open session at 2:30 p.m.

Counsel Lemieux reports the Board met on the remaining four litigation items and states no action was taken that would require disclosure under the Brown Act.

12. DATE OF NEXT MEETING – March 10, 2021

13. ADJOURN:

Chairman Hayman adjourns the meeting at 2:31 p.m. on February 10, 2021.

Respectfully submitted,

April Keigwin
Clerk of the Board
Indian Wells Valley Groundwater Authority

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IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members **DATE:** March 10, 2021

FROM: Ron Strand, IWVGA General Manager

SUBJECT: Resolution 02-21 – Appointment of Technical Advisory Committee (TAC) Member

DISCUSSION

The U.S. Navy, DoD Liaison user seat on the Technical Advisory Committee (TAC) recently became vacant and is in need of being filled.

Charlotte Baldwin has submitted a resume and requests to fill the vacant seat.

RECOMMENDATION

Staff recommends that your Board accept the nomination and adopt the attached Resolution 02-21.

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

In the matter of:

Resolution No. 02-21

RESOLUTION APPOINTING MEMBER TO THE TECHNICAL ADVISORY COMMITTEE.

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 10th day of March 2021, by the following vote:

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

RESOLUTION

Section 1. **WHEREAS:**

(a) The Bylaws of the Indian Wells Valley Groundwater Authority provide that individuals shall be appointed to the Technical Advisory Committee (“TAC”) by Resolution;

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. This Board hereby appoints the individuals on the attached Exhibit “A” to the TAC.

EXHIBIT A

Technical Advisory Committee (TAC)

Member Names

<u>Category</u>	<u>Name</u>
Large Agriculture	Eddy Teasdale
Large Agriculture	Open
Small Agriculture	Don Quist
Kern County Water Agency	Michelle Anderson
Business Interests	Mallory Boyd
Business Interests	Open
Residential Customers of Public Water Agency	Open
Residential Customers of Public Water Agency	Open
Domestic Well Owners	Don Decker
Domestic Well Owners	Open
Eastern Kern County Resource Conservation District	Open
District Wholesaler and Industrial User	Steven Kourakos
Indian Wells Valley Water District*	Tim Parker
Department of the Navy*	Charlotte Baldwin
Bureau of Land Management*	Open

*Non-voting Members

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Ms. Charlotte Baldwin

Ridgecrest, CA 93555



Naval Facilities Engineering Command - Southwest Region

429 Bowen Ave

Building 00982 / MS4014

Ridgecrest, CA 93555 United States

09/2019 - Present

Compliance and Environmental Engineering Branch Head

Serves as Branch Head for the Compliance and Environmental Engineering Branch, Environmental Division, Naval Facilities Engineering Command at the Navy Air Weapons Station – China Lake. Serves as the first line supervisor to government civilian staff members and as the senior staff consultant on all environmental compliance program requirements. Provides program oversight of activities related to compliance, conservation, restoration, and pollution prevention. Provides technical program direction and coordination for overall environmental quality program requirements including, but not limited to Air Quality, Water Quality, solid and hazardous materials/wastes, hazardous waste disposal under the Resource Conservation and Recovery Act programs (RCRA), petroleum, oil and lubricant (POL) spill contingency planning; underground storage tanks; installation restoration, contaminated site cleanup; environment impact analysis; environmental requirements applicable to closing restoration sites. Responsible for planning, programming and directing the mission of the branch to achieve overall objectives, long-range plans, projects, special mission requirements and priorities of the Department of Navy (DON).

Reports directly to the Installation Environmental Programs Director (IEPD). Delegated authority to make decisions and commitments of a binding nature based on a broad knowledge of regulatory and statutory requirements as well as the views of superiors. Responsible for planning, management and program accomplishment of branch to successfully meet objectives.

Overall management of the Environmental Engineering and Compliance Branch programs in consonance with applicable state, host nation and U.S. laws and regulations, Department of Defense (DoD) directives, US Executive Orders, and Department of Navy (DON) policies and regulations.

Development of overall goals and objectives for assigned programs and in advising higher ranking management officials at the installation and higher headquarters of issues impacting assigned areas of responsibility. Plans short-range and long-range work and schedules. Assures implementation of program goals and objectives by staff. Determines goals and objectives that need additional emphasis; determines the best approach or solution for resolving budget shortages; plans for long-range manpower needs and best method for meeting the staffing (in-house or contract). Assures equity of performance standards and rating techniques for employees and/or contract work. Makes decisions on work problems presented by staff. Evaluates assigned staff performance and serves as the first level reviewer on evaluations of assigned employees. Conducts hiring actions and assembles selection boards for selection referrals to IEPD for approval. Hears and resolves group grievances and serious employee complaints. Reviews and submits serious disciplinary actions (e.g. suspensions and removals) involving employees; and makes decisions on training needs and requests related to employees of the branch. Approval of employee requests for training, travel overtime, leave and time reporting. Recommends employees for awards or bonuses, changes in position classification, subject to approval by IEPD. Recommends ways to eliminate or reduce factors hindering production, promotes team building, and recommends improvements to business practices.

US Dept of the Army
Bldg 1939, Rod and Gun Loop
Fort Hood, TX 76544 United States

01/2010 - 09/2019

NEPA Program Manager / ATO OPSEC Emergency Manager

Served as an Environmental Protection Specialist for the Government-in-Nature (GIN) function of the Directorate of Public Works Environmental Division. Exercised environmental responsibilities for managing, coordinating, determining, executing and approving assigned environmental preservation, protection and enhancement activities for Fort Hood.

Coordinated directly with cross-functional teams that include installation personnel, contractors, and command staff to facilitate and provide assistance and advice on environmental matters to achieve set goals. Responsibilities included team member involvement in design charrettes, long-range planning, budgeting, programming and resolution of environmental issues. Provided oversight, review and coordination of NEPA documents prepared by contracted staff. Ensured compliance with State Federal and local laws, regulations, permits and codes pertaining to the areas within the natural resources, air, water quality and waste programs.

Developed, coordinated and implemented administrative procedures and projects along with requests for funding for correction of noncompliance issues. Develops, oversees and manages NEPA tasks and the work of team members and provides feedback on their performance. Reports directly to the Environmental Division Chief
(GS-14).

Conducted and reviewed environmental engineering studies, and prepared, reviewed and staffed National Environmental Policy Act (NEPA) documents. Researched and drafted NEPA documentation for Environmental Assessments, Records of Environmental Consideration, Environmental Impact Analysis/ Statements, and Phase I and II site assessments. Used a multidisciplinary approach acting as a liaison between Military Range officers, Project Engineers, Master Planners, Biologists, Natural and Cultural Resource Managers and Directors. Compiled technical data to write accurate NEPA documents, including Records of Environmental Consideration, Environmental Assessments, Environmental Impact Statements, and Phase I / II Site Assessments. Conducted Environmental Impact analysis that evaluated the past present and foreseeable impacts of all proposed actions in terms of their affect on human health and the natural environment.

Planned, managed, executed, and implemented strategic plan for Sustainability objectives used in the Environmental Management System which is ISO 14001 conformance.

Engineering & Environment, Inc.
195 S Rosemont Rd
Virginia Beach , VA 23452-4353 United States

Duty Station - Fort Hood, TX

07/2003 - 01/2010

Environmental Program Manager

Performed duties as an environmental program manager (GS-12 equivalent) for the Fort Hood Directorate of Public Works (DPW) Environmental Division. Provided supervision/management for seven, environmental protection specialists in the program areas of water quality, spill response, tank management and air quality. Provided overall program management in the areas of Water Quality, Storm Water Management, Spill Prevention, Hazardous Materials Response, Petroleum Storage Tank/Fuels Management and management of the Army Environmental Data Base-Compliance Cleanup (AEDB-CC) program.

Provided expert advice and technical assistance concerning local, state, federal, DOD, and Army environmental laws, regulations, policies, and directives. Provided expert advice and technical assistance to the Installation Commander, Unit Commanders, project engineers, tenants, contractors, reserve units, and managers concerning Storm Water Management, Water Conservation, Petroleum Storage Tanks, Compliance Cleanup sites, Petroleum and Hazardous Material Spill Response along with cleanup and remediation guidance. Utilized general knowledge of environmental/chemical engineering theories, principles and techniques in accordance with the Clean Water Act (CWA), Resource and Conservation Act (RCRA), Code of Federal Regulations (CFR), Texas Administrative Code (TAC) and pertinent Army regulations.

Provided management and oversight of the installation's Cleanup Program. Duties included: assessment of sites; review of analytical data; evaluation and recommendation of cleanup strategies; budget submittal and cost estimate reviews; drafting, submitting and finalizing the Installation Action Plan (IAP). Applied advanced knowledge of environmental engineering concepts, theories, principles and techniques applicable to environmental engineering problems related to remediation sites.

Provided management of Industrial Storm Water Program in support of the CWA and associated state regulations and permits primarily in the areas of storm water, wastewater, and drinking water programs and the Storm Water Pollution Prevention Plan (SWPPP) as required by the industrial storm water permit (TXR050000). Provided management for compliance support with Construction Storm Water Program in support of the CWA, NPDES Phase II Storm Water Rule, and associated state regulations and permits, primarily in the area of storm water and wastewater management. Reviewed formal inspection summary/discrepancy reports of construction sites covered under TCEQ's Construction General Permit.

Provided management for the Municipal Storm Water Program for technical compliance support with the CWA, NPDES Phase II Storm Water Rule, and associated state regulations and permits, primarily in the area of storm water management. Review staff's various Storm Water Program plans, procedures, instructions and similar documents. Assigned staff projects in various aspects of municipal storm water management.

Provided management of Fort Hood's Spill Response Program. Coordinated and conducted an annual, multi-day training event for Hazardous Material Spill Response and Cleanup Measures that included federal, state and local environmental agencies. Provided Oversight and management to emergency response actions. Prepared and submitted corrective action plans. Reported spill incidents to the appropriate state/federal environmental agencies. Drafted, reviewed and updated the Spill Prevention Control and Countermeasure Plan (SPCC) and Installation Response Plan.

Provided management of the Petroleum Storage Tank/Fuels Management Program. Reviewed plans and proposals for bulk storage of fuels to ensure compliance with all governing requirements and regulations. Managed inventories, registrations, and required records/documentation for past and present petroleum storage tanks. Reviewed and managed tank inspection program, compliance database and tank inspector's entry. Reviewed proposed installation regulations and policies for compliance with state, federal, DoD and Army regulations.

Texas Commission on Environmental Quality

6801 Sanger Avenue
Waco, TX 76710 United States

06/1996 - 07/2003

Natural Resource Specialist V - Environmental Investigator IV

Achieved the top of the career ladder for an Environmental Investigator for the state of Texas environmental regulatory agency. Performed highly advanced/specialized technical work in the water and waste programs. Performed complex environmental investigations, inspections, surveys, studies, and other environmental projects; interpreted rules, regulations, and environmental policies. Completed the professional development plan requirements for Public Water Supply, Emergency Response and Petroleum Storage Tank (PST) Investigator certifications.

Senior staff member Region 9 emergency response team. Provided directives to hazardous material incidents. Responded to various hazardous material incidents. Coordinated and assigned directives for environmental compliance. Assessed potentially impacted waters, soils, and air contaminants. Analyzed corrective action plans and media sample results for compliance with Texas Spill Contingency Plan and Texas Emergency Management Plan.

Reviewed complex plans and draft permits. Completed investigations to ensure consistent/correct application of policy. Served as the Region 9 Rep on the Texas Commission on Environmental Quality (TCEQ) Petroleum Storage Tank (PST) Committee. Reviewed investigative techniques, policies and regulations. Provided recommendation for improvements/modifications to the PST Committee. Advised and provided technical assistance to representatives of the public, the regulated community, and other groups. Interpreted scientific data, statutes, regulations, and policy for applicability. Evaluated, summarized, and documented investigative findings. Prepared technical documents for presentations. Operated, maintained, and calibrated technical equipment used in the field of environmental pollution. Monitored the quality and quantity of investigations conducted. Collected samples and conducted field studies. Audited and analyzed records and reports for compliance with laws and regulations. Trained new environmental investigators. Prepared cases for legal enforcement. Documented and presented evidence. Examined, investigated, and analyzed business activities of entities to ensure compliance with statutory standards and regulations.

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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. 257461

Date January 31, 2021

Client No. 32711.001

Final bill on 2019 and 2018 audits:

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

Current Invoice Amount	\$	1,000.00
Beginning Balance		<u>0.00</u>
Balance Due	\$	<u>1,000.00</u>

0 - 30	31 - 60	61 - 90	91 - 120	Over 120	Balance
1,000.00	0.00	0.00	0.00	0.00	1,000.00

Please remit by: February 25, 2021

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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WaterWise Consulting, Inc.
 "Conserving our natural resources for future generations"

1751 S. Grand Ave.
 Glendora, CA 91740

Invoice

Date	Invoice #
2/28/2021	6674

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

Contract No.	Due Date	Terms
02-19	5/29/2021	Net 90

Item	Description	Amount
Rebate Administration	Indian Wells Groundwater Authority Water Conservation Rebate Program Service Period: February 2021 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 8 = \$1,000.00 Task: Design, Marketing & Outreach - \$80.00 x 8.25 = \$660.00 Task: Customer Rebates - \$0.00 TOTAL THIS INVOICE: \$6,660.00	6,660.00

Please Make Check Payable To: WaterWise Consulting, Inc.

Total	\$6,660.00
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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: February 2021

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	2/1/2021 to 2/28/2021	1	\$ 5,000.00	\$ 5,000.00	* Customer Service Representative Staffing * Assist customers via phone and email * Mailing program applications and postcards to customers upon request *Additional customer contact research
					\$ 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	Rebecca Shields Moose	2/4/2021 & 2/5/2021	4.5	\$ 125.00	\$ 562.50	Program assessment, meeting, marketing plan review
Program Manager	Rebecca Shields Moose	2/18/2021	3.5	\$ 125.00	\$ 437.50	Updating website and program materials
			8		\$ 1,000.00	

<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>
Marketing	Blanca Cortez	2/16/2021 & 2/18/2021	1	\$ 80.00	\$ 80.00	Marketing calls to contractors
Marketing	Blanca Cortez	2/22/2021 to 2/25/2021	3	\$ 80.00	\$ 240.00	Marketing calls to contractors
Graphic Design and Marketing	Rebecca Shields Moose	2/8/2021 to 2/9/2021	2.25	\$ 80.00	\$ 180.00	Ad development and placement for Swap Sheet
Marketing	Rebecca Shields Moose	2/18/2021	2	\$ 80.00	\$ 160.00	Second postcard mailing to customers
			8.25		\$ 660.00	

Invoice Total: \$ 6,660.00

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California

Rural Water Association

February 12, 2021

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 January 1, 2021 – January 31, 2021. 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 & Invoice details
- Timesheets
- 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



1234 North Market Blvd. | Sacramento, CA 95834
toll-free: 800.833.0322 | phone: 916.553.4900
fax: 916.553.4904 | www.calruralwater.org

I. Invoice & Detail Cost



California Rural Water Association

California Rural Water Association
 Invoice Time Period: January 1 2021- January 31 2021

INVOICE

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

Invoice #: ICSD-FSLD-A-005
Invoice Date: 2/12/2021
Terms: Net 30 Days

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

Project Name: IWVGA Work Plan ICSD-FSLD-A

IWVGA-Inyokern CSD			
Work Plan/AR #	Description of work	Date	Cost
Technician	Inyokern FSLD-Reporting	Invoice period	\$ 3,162.50
Travel Expenditures			
Name	Description of Travel	Cost	
	N/A		
Equipment			
Name	Description of Equipment	Cost	
	N/A		
INVOICE TOTAL:			\$ 3,162.50

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

Signature

2/12/2021

Date



California

Rural Water Association

Expenditure Tracking

Invoice #	Amount	
ICSD-FSLD-A-001	\$16,457.40	Paid
ICSD-FSLD-A-002	\$13,153.09	Paid
ICSD-FSLD-A-003	\$11,500.74	
ICSD-FSLD-A-004	\$1,715.00	
ICSD-FSLD-A-005	\$3,162.50	
Total	\$45,988.73	

II. Timesheets

First Name	Last Name	Job Code	Date	hours	notes
Michael	Sims	Reporting	1/4/2021	3	IYK CSD still revising template
Michael	Sims	Reporting	1/5/2021	4	Finishing up master templates
Michael	Sims	Reporting	1/6/2021	1.5	Inputting data on template
Michael	Sims	Admin	1/7/2021	1	Gathering info for monthly report for Jacob
Michael	Sims	Reporting	1/7/2021	3	Inputting data in report template
Michael	Sims	Reporting	1/8/2021	5	Inputting data in report template
Michael	Sims	Reporting	1/11/2021	3	Continue inputting data on report template
Michael	Sims	Reporting	1/15/2021	1	Inputting pictures
Michael	Sims	Reporting	1/20/2021	1	Adding pictures to report
Michael	Sims	Reporting	1/21/2021	3	Adding pictures to report after composing from team.
Michael	Sims	Reporting	1/22/2021	2	Adding more pictures to report.
Total Travel:	0	Total Person	27.5		

III. Progress Report

IWVGA January 2021 Report- Michael Sims (Lead Leak Detection Specialist)

January 4 – 8: Gathering data on Inyokern CSD, Westend and Argus and revising report template.

January 12: Meet onsite with Tony to go over maps and get some concise information on the whereabouts of the valves tied into Argus from Trona MHP. It was quite the journey through hills and brushy terrain. After the journey, Tony showed us where there were other opportunities for finding buried valves.

The maps received were just a bird's eye view, my team and I have many questions to ask on concerned areas. Addressing concerns usually causes more time on our part on each system. Having cooperation with the system's operators and management is key to us doing the best job possible.

January 12: To Searles Valley, onsite preparing to do a full day system leak audit at Argus

January 13: Onsite full day system leak audit at Argus

January 14: Onsite full day system leak audit at Argus

January 18 – 22: We continued to gather information from the team's equipment and pictures. The systems were mapped and the boundary lines were revised, according to Tony at Searles Domestic Water Company, on Diamond Maps. Also, telecommunication via email with Audrey in getting the meter routes for Trona and Pioneer Point.

January 26: To Searles Valley, onsite full day system leak audit at Argus

January 27: Onsite full day system leak audit at Argus

January 28: Onsite half day system leak audit at Argus

January 29: Gathering information from team on this week's leak survey



California

Rural Water Association

February 12, 2021

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 January 1, 2021 – January 31, 2021. This information pertains to the *Searles Valley 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 & Details
- Timesheets
- Expense forms
- Progress Report

Sincerely,

A handwritten signature in cursive script 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



1234 North Market Blvd. | Sacramento, CA 95834
toll-free: 800.833.0322 | phone: 916.553.4900
fax: 916.553.4904 | www.calruralwater.org

I. Invoice & Detail Cost



California Rural Water Association

California Rural Water Association
 Invoice Time Period: January 1 2021- January 31 2021

INVOICE

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

Invoice #: SVWD-FSLD-A-003
Invoice Date: 2/12/2021
Terms: Net 30 Days

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

Project Name: IWVGA Work Plan SVWD-FSLD-A

IWVGA-Searles Valley Water District			
Work Plan/AR #	Description of work	Date	Cost
ADMIN	Admin and project support	Invoice period	\$ 744.60
Technician	Westend-Argus	Invoice period	\$ 11,602.50
Technician	Travel	Invoice period	\$ 4,075.00
Travel Expenditures			
Name	Description of Travel	Cost	
Michael Sims	Meals, Lodging, Milage	\$ 1,832.49	
Abel Silva	Meals, Lodging, Milage	\$ 642.42	
Mark Hardison	Meals, Lodging, Milage	\$ 1,219.24	
Equipment			
Name	Description of Equipment	Cost	
	N/A		
INVOICE TOTAL:			\$ 20,116.25

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

Signature

2/12/2021

Date



California

Rural Water Association

Expenditure Tracking

Invoice #	Amount
SVWD-FSLD-A-001	\$1,295.00
SVWD-FSLD-A-002	\$11,164.64
SVWD-FSLD-A-003	\$20,116.25
Total	\$32,575.89

IWVGA - Searles Valley Water District FSLD

Invoice Detail

***** Below should reflect all direct Admin Costs (costs tied to a Searles Valley WD FSLD Work Plan):

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	<i>Dustin Hardwick</i>	\$75	5	\$ 375.00
For All Dates within Invoice Period	<i>Jacob DeLuna</i>	\$33	11.2	\$ 369.60
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 =			16.20	\$ 744.60
C. Equipment				
Description of Equipment				
B. Subtotal =				\$ -
C. Travel Expenitures				
Description of Expendatures				
C. Subtotal =				\$ -
D. Travel Hours				
Description of Travel (when, where, why, who, type of expense, etc.)				
				\$ -
				\$ -
				\$ -
D. Subtotal =			0	\$ -
E. Professional and Consultant Services				
Name of Consultant				
E. Subtotal =				\$ 744.60

IWVGA - Searles Valley Water District FSLD

Invoice Detail

***** Below should reflect all direct Technician Costs (costs tied to a Searles Valley WD FSLD Work Plan):

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	<i>Michael Sims</i>	\$115	55.5	\$ 6,382.50
For All Dates within Invoice Period	<i>Abel Silva</i>	\$90	20	\$ 1,800.00
For All Dates within Invoice Period	<i>Mark Hardison</i>	\$90	38	\$ 3,420.00
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 =		113.50	\$ 11,602.50
C. Equipment				
Description of Equipment				
	B. Subtotal =			\$ -
C. Travel Expenitures				
Description of Expendatures				
<i>Michael Sims</i>	<i>Meals, Lodging, Milage, Map coversion for Inyo CSD Systems</i>			\$ 1,832.49
<i>Abel Silva</i>	<i>Shipping equipment to Michael Sims</i>			\$ 642.42
<i>Mark Hardison</i>	<i>Meals, Lodging, Milage</i>			\$ 1,219.24
	C. Subtotal =			\$ 3,694.15
D. Travel Hours				
Description of Travel (when, where, why, who, type of expense, etc.)				
<i>Michael Sims</i>	<i>Travel from home to system, from lodging to System, from system to home</i>	\$115	19	\$ 2,185.00
<i>Abel Silva</i>	<i>Travel from home to system, from lodging to System, from system to home</i>	\$90	7	\$ 630.00
<i>Mark Hardison</i>	<i>Travel from home to system, from lodging to System, from system to home</i>	\$90	14	\$ 1,260.00
	D. Subtotal =		40	\$ 4,075.00
E. Professional and Consultant Services				
Name of Consultant				
	E. Subtotal =			\$ 19,371.65

II. Timesheets

First Name	Last Name	Job Code	Date	hours	notes
Jacob	DeLuna	Admin	1/4/2021	1.25	Timesheet entry for December invoice, Abel and Mark
Jacob	DeLuna	Admin	1/5/2021	0.75	Invoice prep, timecard, and expense reporting
Jacob	DeLuna	Admin	1/7/2021	0.25	Monthly progress report to Don Z.
Jacob	DeLuna	Admin	1/8/2021	0.75	Invoice templates created (December Invoice) ICSD & SVWD.
Jacob	DeLuna	Admin	1/12/2021	2.25	December invoice
Jacob	DeLuna	Admin	1/13/2021	1.95	Invoice package completion and submission for December
Jacob	DeLuna	Admin	1/15/2021	0.75	Addressing disputes from Dec. Invoice
Jacob	DeLuna	Admin	1/19/2021	0.5	budget tracker update.
Jacob	DeLuna	Admin	1/20/2021	0.75	Check received, Scanned/Saved, expenditure tracker updated, meeting scheduled with MS.
Jacob	DeLuna	Admin	1/21/2021	1	Admin call with MS, general program updates (Inyo/Searless)
Jacob	DeLuna	Admin	1/28/2021	1	budget tracker updated with hours
Total Travel:		0	Total Personel:		11.20

First Name	Last Name	Job Code	Date	hours	notes
Dustin	Hardwick	Admin	1/8/2021	1	Program Mangement & Admin Support
Dustin	Hardwick	Admin	1/15/2021	1	Program Mangement & Admin Support
Dustin	Hardwick	Admin	1/22/2021	1	Program Mangement & Admin Support
Dustin	Hardwick	Admin	1/28/2021	1	Program Mangement & Admin Support
Dustin	Hardwick	Admin	1/29/2021	1	Program Mangement & Admin Support
Total Travel:			Total Personel:		5

First Name	Last Name	Job Code	Date	hours	notes
Michael	Sims	Admin	1/11/2021	1	Prepping for this weeks onsite
Michael	Sims	Travel	1/12/2021	0.5	To hotel
Michael	Sims	Reporting	1/12/2021	2	Revising template
Michael	Sims	Onsite	1/12/2021	3	Onsite leak detection
Michael	Sims	Travel	1/12/2021	3.5	To Searles Valley-Argus
Michael	Sims	Travel	1/13/2021	0.5	To Argus
Michael	Sims	Travel	1/13/2021	0.5	To hotel
Michael	Sims	Admin	1/13/2021	1	Revising mapping boundary around system
Michael	Sims	Onsite	1/13/2021	6	Onsite leak detection
Michael	Sims	Travel	1/14/2021	0.5	To Argus
Michael	Sims	Onsite	1/14/2021	2.5	Onsite leak detection
Michael	Sims	Travel	1/14/2021	4	To home
Michael	Sims	Reporting	1/15/2021	2	Gathering information from onsite
Michael	Sims	Reporting	1/19/2021	2	Mapping
Michael	Sims	Reporting	1/20/2021	2	Mapping, adding pictures and ground micing address to template
Michael	Sims	Admin	1/21/2021	0.75	IWVGA catch-up call with Jacob
Michael	Sims	Reporting	1/21/2021	2	Mapping on Diamond Maps
Michael	Sims	Reporting	1/22/2021	2	Revising mapping, adding more pictures and ground micing address to template
Michael	Sims	Admin	1/25/2021	1	Working with Ben Hill/Diamond Maps adding layers for more nodes.
Michael	Sims	Reporting	1/25/2021	3	Preparing template
Michael	Sims	Travel	1/26/2021	0.5	To hotel
Michael	Sims	Onsite	1/26/2021	3	Onsite leak detection
Michael	Sims	Travel	1/26/2021	3.5	To Searles Valley-Argus
Michael	Sims	Travel	1/27/2021	0.5	To Searles Valley-Argus
Michael	Sims	Travel	1/27/2021	0.5	To hotel
Michael	Sims	Onsite	1/27/2021	6	Onsite leak detection
Michael	Sims	Travel	1/28/2021	0.5	To Searles Valley-Argus
Michael	Sims	Onsite	1/28/2021	2.5	Onsite leak detection
Michael	Sims	Travel	1/28/2021	4	To home
Michael	Sims	Reporting	1/29/2021	2	Gathering data from onsite this week and inputting on templates
Michael	Sims	Reporting	1/4/2021	2	Revising ground mic template
Michael	Sims	Reporting	1/5/2021	2	Finishing up master templates
Michael	Sims	Reporting	1/11/2021	1	Inputting data to template
Michael	Sims	Reporting	1/15/2021	1	Inputting pictures
Michael	Sims	Reporting	1/19/2021	2	Mapping
Michael	Sims	Admin	1/20/2021	0.75	IWVGA catch-up call with Jacob

Michael	Sims	Reporting	1/20/2021	2	Adding information from ground micng to template
Michael	Sims	Reporting	1/22/2021	1	Adding more pictures and revising map
Total Travel:		19	Total Personnel:		55.5

First Name	Last Name	Job Code	Date	hours	notes
Mark	Hardison	Travel	1/12/2021	3	Travel from Home Office in Colton to Trona. 2.0Travel from Trona to Hotel in Ridgecrest. 0.5IWVGA-Argus Onsite Leak Detection
Mark	Hardison	Onsite	1/12/2021	6	IWVGA-Argus Travel Hotel in Ridgecrest to Trona. 0.5 Travel from Trona to Hotel in Ridgecrest. 0.5
Mark	Hardison	Travel	1/13/2021	1	IWVGA-Argus
Mark	Hardison	Onsite	1/13/2021	6	Onsite Leak DetectionIWVGA-Argus
Mark	Hardison	Travel	1/14/2021	3	Travel Hotel in Ridgecrest to Trona. 0.5Travel from Trona to Home Office in Colton. 2.5IWVGA-Argus
Mark	Hardison	Onsite	1/14/2021	4	Onsite Leak DetectionIWVGA-Argus
Mark	Hardison	Reporting	1/15/2021	4	ReportingIWVGA-Argus
Mark	Hardison	Reporting	1/25/2021	2	Reporting
Mark	Hardison	Travel	1/26/2021	3	Travel from Home Office in Colton to Argus. 2.5Travel from Argus to Hotel in Ridgecrest. 0.5
Mark	Hardison	Onsite	1/26/2021	6	Onsite Leak Detection Travel from Hotel in Ridgecrest to Argus. 0.5
Mark	Hardison	Travel	1/27/2021	1	Travel from Argus to Hotel in Ridgecrest. 0.5
Mark	Hardison	Onsite	1/27/2021	6	Onsite Leak Detection
Mark	Hardison	Travel	1/28/2021	3	Travel from Hotel in Ridgecrest to Argus. 0.5Travel from Argus to Home Office in Colton. 2.5
Mark	Hardison	Onsite	1/28/2021	4	Onsite Leak Detection
Total Travel:		14	Total Personnel:		38

First Name	Last Name	Job Code	Date	hours	notes
Abel	Silva	Travel	1/12/2021	3	2.5hrs Home to Argus.5hrs Argus to hotel
Abel	Silva	Onsite	1/12/2021	6	Leak audit
Abel	Silva	Travel	1/13/2021	1	.5 hrs hotel to Argus.5 hrs Argus to hotel
Abel	Silva	Admin	1/13/2021	1	clean and prep equipment
Abel	Silva	Onsite	1/13/2021	6	leak audit
Abel	Silva	Admin	1/14/2021	1	Prep and clean equipment
Abel	Silva	Travel	1/14/2021	3	.5hrs hotel to Argus2.5hrs Argus to home
Abel	Silva	Onsite	1/14/2021	4	
Abel	Silva	Admin	1/15/2021	8	download data from Argus leak audit
Total Travel:		7	Total Personnel:		20

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

TRAVEL EXPENSE REPORT

Program: Searles Valley Argus-IWVGA **Period:** January 1, 2021

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):				
10	X	13.75		137.50
10	X	15.25		152.50
0	X	16.50		0.00
0	X	17.75		0.00
0	X	19.00		0.00
Total Per Diem >>				\$290.00

Personal Vehicle Mileage

Total Mileage:	1,176	X \$0.575 per mile		
(From Details Sheet)	Total Mileage >>			\$676.20

Miscellaneous Expenses

Lodging				747.08
Phone				0.00
Air Fare				0.00
Rental Car / Taxi				0.00
Rental Car / Taxi				0.00
Postage				0.00
Supplies				0.00
Other				119.21
Total Personal Out-Of-Pocket Miscellaneous >>				\$866.29

Total Amount of Reimbursement: = \$1,832.49

Employee Signature: *Michael Sims* **Date:** 1-31-2021

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

Michael/Mr Sims	Room: 121			
12842 Casa Ct	Room Type: KSTE			
Poway CA 92064-5700	Number of Guests: 1			
Cal Rural Audit	Rate: \$169.00	Clerk: APP		
Arrive: 12Jan21	Time: 03:35PM	Depart: 14Jan21	Time: 07:13AM	Folio Number: 56467

DATE	DESCRIPTION	CHARGES	CREDITS
12Jan21	Room Charge	169.00	
12Jan21	City Tax	16.90	
12Jan21	Calif/Local Tourism Fee	0.33	
12Jan21	Convention and Tourism Tax	5.07	
13Jan21	Room Charge	169.00	
13Jan21	City Tax	16.90	
13Jan21	Calif/Local Tourism Fee	0.33	
13Jan21	Convention and Tourism Tax	5.07	
14Jan21	Visa		382.60
	Card #: VXXXXXXXXXXXX6349XXXX		
	Amount: 382.60 Auth: 05533C		
	This card was electronically swiped on 12Jan21		
	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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SPRINGHILL SUITES BY MARRIOTT® / RIDGECREST
113 East Sydnor Avenue, Ridgecrest, Ca 93555 P 760.446.1630
springhillsuites.com

Michael/Mr Sims	Room: 122
12842 Casa Ct	Room Type: KSTE
Poway CA 92064-5700	Number of Guests: 1
Cal Rural Water	Rate: \$161.00 Clerk: DLZ
Arrive: 26Jan21 Time: 04:17PM	Depart: 28Jan21 Time: 07:25AM Folio Number: 56917

DATE	DESCRIPTION	CHARGES	CREDITS
26Jan21	Room Charge	161.00	
26Jan21	City Tax	16.10	
26Jan21	Calif/Local Tourism Fee	0.31	
26Jan21	Convention and Tourism Tax	4.83	
27Jan21	Room Charge	161.00	
27Jan21	City Tax	16.10	
27Jan21	Calif/Local Tourism Fee	0.31	
27Jan21	Convention and Tourism Tax	4.83	
28Jan21	Visa		364.48

Card #: VXXXXXXXXXXXXXXXXX6349/XXXX
Amount: 364.48 Auth: 01847C
This card was electronically swiped on 26Jan21

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.

See our "Privacy & Cookie Statement" on Marriott.com.

Ales Steakhouse & bar

Check #: 0519 1/13/21
Server: Nathaniel T 4:57 PM
Table: 62/2 Guests: 2

=== Beverages ===

1 Good Island IPA	
23 oz	7.50
1 Iced Tea	2.95
1 Dos Equis	
23 oz	7.50

=== Entrees ===

3 Steak & Breaded Shrimp (@25.00/ea)	75.00
--------------------------------------	-------

Sub-total	92.95
Sales Tax	7.67
TOTAL	100.62

PAYMENTS

CC Payment	100.62
VISA XXXXXXXXXXXXX6349	
AUTH: 03676C	

TIPS: 18.59

TOTAL PAYMENTS	100.62
TOTAL TIPS	18.59

Balance Due 0.00

Team Dinner @ Ales

Suggested Tips:

15% = 13.94

18% = 16.73

20% = 18.59

Thank You!

California Rural Water Association			
1234 N. Market St.			
Sacramento, CA 95834			
TRAVEL EXPENSE REPORT			
Program:	SGMA-IWVGA Searles Valley-Argus.	Period:	January 2021
Name:	Mark Hardison		
Address to mail check:	PO BOX 1466		
City / State / Zip:	Colton, CA. 92324		
Purpose of trip(s):	01/12/21-01/14/21: Onsite Leak Detection		
	01/26/21-01/28/21: Onsite Leak Detection		
Per Diem Calculation			
Total # of Quarters (From Details Sheet):			
	4	X	13.75
	14	X	15.25
	0	X	16.50
	0	X	17.75
	0	X	19.00
	Total Per Diem >>		\$268.50
Personal Vehicle Mileage			
Total Mileage:	740 X \$0.575 per mile		
(From Details Sheet)	Total Mileage >>		\$425.50
Miscellaneous Expenses			
Lodging			525.24
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 >>		\$525.24
Total Amount of Reimbursement: =			\$1,219.24
Employee Signature	<i>Mark Hardison</i>	Date:	<i>2/1/2021</i>
Approval Signature:		Date:	

SPRINGHILL SUITES®
BY MARRIOTT

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

Mark Hardison	Room: 122
7060 Reche Canyon Rd	Room Type: KSTE
Colton CA 92324	Number of Guests: 1
Cal Rural Water	Rate: \$116.00 Clerk: APP
Arrive: 12Jan21 Time: 03:39PM	Depart: 14Jan21 Time: 07:21AM Folio Number: 56402

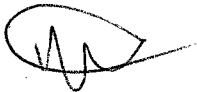
DATE	DESCRIPTION	CHARGES	CREDITS
12Jan21	Room Charge	116.00	
12Jan21	City Tax	11.60	
12Jan21	Calif/Local Tourism Fee	0.23	
12Jan21	Convention and Tourism Tax	3.48	
13Jan21	Room Charge	116.00	
13Jan21	City Tax	11.60	
13Jan21	Calif/Local Tourism Fee	0.23	
13Jan21	Convention and Tourism Tax	3.48	
14Jan21	Visa		262.62

Card #: VXXXXXXXXXXXXXXXX3615/XXXX
Amount: 262.62 Auth: 012743
This card was electronically swiped on 12Jan21

BALANCE: 0.00

Marriott Bonvoy Account # XXXXX6502. 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** 82380 4th St, Trona, CA 93562
- C** 113 E Sydnor Ave, Ridgecrest, CA 93555

3 hr 00 min , 161 miles
 Light traffic
 Via US-395 N, Trona Rd
 Local roads

01/12/21: Travel from Home Office in Colton to Argus for onsite Leak detection. Travel to Hotel in Ridgecrest.

A to B

2 hr 28 min (137.7 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, 13 min
	4. Keep straight onto I-15 N / Barstow Fwy N	15.1 mi, 13 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>	68.3 mi, 1 hr 16 min
↘	7. Turn right onto Trona Rd	21.2 mi, 22 min
↘	8. Turn right onto CA-178 / Trona Rd	7.4 mi
↑	9. Keep straight onto Trona Rd	5.5 mi
↶	10. Turn left onto E St	0.2 mi
↘	11. Turn right onto 4th St	272 ft
	12. Arrive at 4th St The last intersection is E St If you reach F St, you've gone too far	

B 82380 4th St, Trona, CA 93562

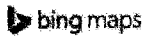
B to C
32 min (23.6 mi)

B 82380 4th St, Trona, CA 93562

	1. Head south on 4th St toward E St	0.3 mi
↗	2. Bear right onto Trona Rd	5.1 mi
↑	3. Keep straight onto CA-178 / Trona Rd	16.7 mi, 20 min
↘	4. Turn right to stay on CA-178 / N China Lake Blvd	1.3 mi
↘	5. Turn right onto E Sydnor Ave	0.1 mi
	<p>Arrive at E Sydnor Ave</p> <p>6. The last intersection is CA-178 / N China Lake Blvd If you reach Chelsea St, you've gone too far</p>	

C 113 E Sydnor Ave, Ridgecrest, CA 93555

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- A** 113 E Sydnor Ave, Ridgecrest, CA 93555
- B** 82380 4th St, Trona, CA 93562
- C** 113 E Sydnor Ave, Ridgecrest, CA 93555

1 hr 05 min , 47.4 miles
 Light traffic (4 min delay)
 Via CA-178, Trona Rd
 · Local roads

01/13/21: Travel from Hotel in Ridgecrest to Argus for onsite Leak detection. Travel back to Hotel in Ridgecrest.

A to B
 33 min (23.8 mi)

A 113 E Sydnor Ave, Ridgecrest, CA 93555




↑	1. Head west on E Sydnor Ave toward CA-178 / N China Lake Blvd	0.1 mi
↶	2. Turn left onto CA-178 / N China Lake Blvd	1.3 mi
↶	3. Turn left to stay on CA-178 / E Ridgecrest Blvd	16.7 mi, 20 min
↑	4. Keep straight onto Trona Rd	5.5 mi
↶	5. Turn left onto E St	0.2 mi
↷	6. Turn right onto 4th St	272 ft
	7. Arrive at 4th St The last intersection is E St If you reach F St, you've gone too far	

B 82380 4th St, Trona, CA 93562

B to C
 32 min (23.6 mi)

B 82380 4th St, Trona, CA 93562

	1. Head south on 4th St toward E St	0.3 mi
↗	2. Bear right onto Trona Rd	5.1 mi

	3. Keep straight onto CA-178 / Trona Rd	16.7 mi, 20 min
	4. Turn right to stay on CA-178 / N China Lake Blvd	1.3 mi
	5. Turn right onto E Sydnor Ave	0.1 mi
Arrive at E Sydnor Ave		
6.	The last intersection is CA-178 / N China Lake Blvd If you reach Chelsea St, you've gone too far	

C 113 E Sydnor Ave, Ridgecrest, CA 93555

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- A** 113 E Sydnor Ave, Ridgecrest, CA 93555
- B** 82380 4th St, Trona, CA 93562
- C** 7060 Reche Canyon Rd, Colton, CA 92324

3 hr 05 min , 162 miles
 Light traffic
 Via CA-178, Trona Rd
 Local roads

01/14/21: Travel from Hotel in Ridgecrest to Argus for onsite Leak detection. Travel back to Home Office in Colton.

A to B
 33 min (23.8 mi)

A 113 E Sydnor Ave, Ridgecrest, CA 93555













↑	1. Head west on E Sydnor Ave toward CA-178 / N China Lake Blvd	0.1 mi
↶	2. Turn left onto CA-178 / N China Lake Blvd	1.3 mi
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↷	6. Turn right onto 4th St	272 ft
<p style="margin: 0;">Arrive at 4th St</p> <p style="margin: 0;">7. The last intersection is E St If you reach F St, you've gone too far</p>		

B 82380 4th St, Trona, CA 93562

B to C
 2 hr 33 min (137.9 mi)

B 82380 4th St, Trona, CA 93562

1.	Head south on 4th St toward E St	0.3 mi
↗	2. Bear right onto Trona Rd	5.1 mi

	3. Keep straight onto CA-178 / Trona Rd	7.4 mi
	4. Turn left onto Trona Rd	21.2 mi, 23 min
	5. Turn left onto US-395 S / US Highway 395 ▲ <i>Serious Congestion</i>	68.3 mi, 1 hr 17 min
	6. Take ramp right for I-15 S / Barstow Fwy S ▲ <i>Minor Congestion</i>	15.9 mi, 14 min
	7. 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
	8. At exit 40 , take ramp right for I-10 East toward Indio / Redlands ▲ <i>Minor Congestion</i>	1.1 mi
	9. At exit 73A , take ramp right toward Waterman Ave S	0.2 mi
	10. Turn sharp right onto E Redlands Blvd Popeyes Louisiana Kitchen on the corner	0.1 mi
	11. Keep straight onto W Redlands Blvd	0.2 mi
	12. Turn left onto Hunts Ln	0.2 mi
	13. Road name changes to S Hunts Ln	0.6 mi
	14. Turn right onto E Washington St	0.1 mi
	15. Turn left onto Reche Canyon Rd	2.6 mi
	16. 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

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Mark Hardison	Room: 224
7060 Reche Canyon Rd	Room Type: KSTE
Colton CA 92324	Number of Guests: 1
Cal Rural Water	Rate: \$116.00 Clerk: DLZ
Arrive: 26Jan21 Time: 04:15PM	Depart: 28Jan21 Time: 07:41AM Folio Number: 56956


DATE	DESCRIPTION	CHARGES	CREDITS
26Jan21	Room Charge	116.00	
26Jan21	City Tax	11.60	
26Jan21	Calif/Local Tourism Fee	0.23	
26Jan21	Convention and Tourism Tax	3.48	
27Jan21	Room Charge	116.00	
27Jan21	City Tax	11.60	
27Jan21	Calif/Local Tourism Fee	0.23	
27Jan21	Convention and Tourism Tax	3.48	
28Jan21	Visa		262.62

Card #: VXXXXXXXXXXXXXXXX3615XXXX
Amount: 262.62 Auth: 026527
This card was electronically swiped on 26Jan21

BALANCE: 0.00

Marriott Bonvoy Account # XXXXX6502. 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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- B** 82380 4th St, Trona, CA 93562
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3 hr 00 min , 161 miles
 Light traffic
 Via US-395 N, Trona Rd
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01/26/21: Travel from Home Office in Colton to Argus for onsite Leak detection. Travel to Hotel in Ridgecrest.

A to B
 2 hr 28 min (137.7 mi)





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↑	1. Head northwest on Reche Canyon Rd toward Utility Access Rd S	2.6 mi
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↷	11. Turn right onto 4th St	272 ft
	12. Arrive at 4th St The last intersection is E St If you reach F St, you've gone too far	

B 82380 4th St, Trona, CA 93562**B to C**

32 min (23.6 mi)

B 82380 4th St, Trona, CA 93562

1.	Head south on 4th St toward E St	0.3 mi
	2. Bear right onto Trona Rd	5.1 mi
	3. Keep straight onto CA-178 / Trona Rd	16.7 mi, 20 min
	4. Turn right to stay on CA-178 / N China Lake Blvd	1.3 mi
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C 113 E Sydnor Ave, Ridgecrest, CA 93555

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 Light traffic (4 min delay)
 Via CA-178, Trona Rd
 · Local roads

01/27/21: Travel from Hotel in Ridgecrest to Argus for onsite Leak detection. Travel back to Hotel in Ridgecrest.

A to B

33 min (23.8 mi)

A 113 E Sydnor Ave, Ridgecrest, CA 93555

↑	1. Head west on E Sydnor Ave toward CA-178 / N China Lake Blvd	0.1 mi
↶	2. Turn left onto CA-178 / N China Lake Blvd	1.3 mi
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	7. Arrive at 4th St The last intersection is E St If you reach F St, you've gone too far	




B 82380 4th St, Trona, CA 93562

B to C

32 min (23.6 mi)

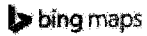
B 82380 4th St, Trona, CA 93562

	1. Head south on 4th St toward E St	0.3 mi
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↷	6. Turn right onto 4th St	272 ft
	Arrive at 4th St 7. The last intersection is E St If you reach F St, you've gone too far	

B 82380 4th St, Trona, CA 93562

B to C
 2 hr 33 min (137.9 mi)

B 82380 4th St, Trona, CA 93562

	1. Head south on 4th St toward E St	0.3 mi
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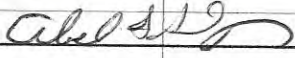
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California Rural Water Association
 1234 N. Market St.
 Sacramento, CA 95834

TRAVEL EXPENSE REPORT

Program:	IWVGA	Period:	Jan 2021
Name:	Abel Silva		
Address to mail check:	4994 N Mountain View Ave		
City / State / Zip:	San Bernardino CA 92407		
Purpose of trip(s):	Argus		
Per Diem Calculation			
Total # of Quarters (From Details Sheet):			
2	X	13.75	27.50
9	X	15.25	137.25
0	X	16.50	0.00
0	X	17.75	0.00
0	X	19.00	0.00
Total Per Diem >>			\$164.75
Personal Vehicle Mileage			
Total Mileage:	374	X \$0.575 per mile	
(From Details Sheet)	Total Mileage >>		\$215.05
Miscellaneous Expenses			
Lodging			262.62
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 >>			\$262.62
Total Amount of Reimbursement: =			\$642.42
Employee Signature:			Date: 2/1/2021
Approval Signature:			Date:

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Abel Silva Room: 235
4994 N Mountainview Room Type: KSTE
San Bernadina CA 92407 Number of Guests: 1
Cal Rural Water Rate: \$116.00 Clerk: APP
Arrive: 12Jan21 Time: 03:40PM Depart: 14Jan21 Time: 07:15AM Folio Number: 56403

DATE	DESCRIPTION	CHARGES	CREDITS
12Jan21	Room Charge		
12Jan21	City Tax	116.00	
12Jan21	Calif/Local Tourism Fee	11.60	
12Jan21	Convention and Tourism Tax	0.23	
13Jan21	Room Charge	3.48	
13Jan21	City Tax	116.00	
13Jan21	Calif/Local Tourism Fee	11.60	
13Jan21	Convention and Tourism Tax	0.23	
14Jan21	Visa	3.48	
			262.62
	Card #: VXXXXXXXXXXXX2587XXXX		
	Amount: 262.62 Auth: 014018		
	BALANCE:	0.00	

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III. Progress Report

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IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members

DATE: March 10, 2021

FROM: Carol Thomas-Keefer, IWVGA General
Manager

SUBJECT: Agenda Item 7 - Board Consideration and Adoption of Resolution 03-21 - Readopting and Amending the Bylaws to Reflect a Change of Address.

DISCUSSION

The current offices of the Groundwater Authority are located at Indian Wells Valley Water District (IWVWD), 500 W Ridgecrest Blvd, Ridgecrest, CA. 93555 with a mailing address of P.O. Box 1329, Ridgecrest, CA. 93556. Now that the Authority has independent management through Regional Government Services it is seeking to have a local permanent address to carry out Authority business.

The attached Resolution amends the Bylaws of the Authority so that the Authority's principle place of business is listed at Ridgecrest City Hall, 100 W. California Ave., Ridgecrest, CA. 93555, replacing the IWVWD addresses.

RECOMMENDATION

Staff recommends that your Board adopt Resolution 03-21, readopting and amending the Bylaws to reflect the change of address.

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

In the matter of:

Resolution No. 03-21

**READOPTING AND AMENDING THE
BYLAWS TO REFLECT ADDRESS CHANGE**

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 10th day of February, 2021, by the following vote:

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

RESOLUTION

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

Section 1. WHEREAS The Indian Wells Valley Groundwater Authority previously adopted Bylaws setting forth in Section 1.3 the address of the Principal Office of the Authority at 500 W. Ridgecrest Boulevard, Ridgecrest, CA. 93555

Section 2. WHEREAS The Indian Wells Valley Groundwater Authority now desires to amend Section 1.3 of the Bylaws to reflect the new address of the Principal Office of the Authority at 100 W. California Avenue, Ridgecrest, CA 93555.

Section 3. THEREFORE, IT IS RESOLVED by the Board of Directors of the Indian Wells Valley Groundwater Authority that the Authority’s Bylaws are hereby readopted and Section 1.3 of the Bylaws is hereby amended and replaced in its entirety to read as follows:

“PRINCIPAL OFFICE OF THE AUTHORITY. The principal office of the Authority shall be at the City of Ridgecrest City Hall Offices, located at 100 W. California Avenue, Ridgecrest, CA 93555.”

Section 4. Except as provided herein, Resolution No. 03-21, and the Bylaws of Indian Wells Valley Groundwater Authority, are hereby reaffirmed and readopted.

Section 5. This Resolution shall become effective immediately.

PASSED, APPROVED, AND ADOPTED, by the Indian Wells Valley Groundwater Authority this 10th day of March, 2021.

SIGNED:

President of the Board of Directors

ATTEST:

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TO: IWVGA Board Members

DATE: March 8, 2021

FROM: IWVGA Staff

**SUBJECT: Agenda Item No. 8 – Board Consideration and Approval of GSP
Planned Projects – Project No. 1 – Surface Percolation Replenishment
and Pilot/Demonstration (Phase 1)**

Discussion

The Indian Wells Valley Groundwater Authority’s (IWVGA) Groundwater Sustainability Plan (GSP) makes it very clear the “supplemental” water supplies are required for “sustainable water supply”. One of the most cost-effective methods for beneficially utilizing supplemental water (recycled and imported water) is surface percolation/infiltration to the groundwater basin storage.

Phase 1 of this work assignment is Reconnaissance Infiltration Investigation of Potential Recharge Basins.

The purpose of the Phase I Reconnaissance Infiltration Investigation of Potential Recharge Basins is to develop study sites for further investigation as part of a three-phase study. Phase II will present a feasibility-level study of the most probable site; Phase III will develop a pre-design level study based on the results of pilot testing.

The purpose of this investigation is to characterize the existing conditions based on previously published studies and potential groundwater recharge rates based on available soils, geologic, and hydrogeologic datasets. The boundary of the study area includes south-central portion of the Indian Wells Valley groundwater basin, including the Cities of Ridgecrest and Inyokern, as well as the El Paso Basin. Sources of water used for recharge include both reclaimed wastewater and imported water sources.

In addition to the physical characteristics that control infiltration rates, the water quality and available quantity of reclaimed and imported source waters will be described. Applicable Regional Water Quality Control Board (RWQCB) and Department of Drinking Water (DDW) regulations regarding Groundwater Recharge and Recovery Projects

(GRRP) will be described to identify possible constraints. Additionally, case studies of other GRRP or Indirect Potable Reuse (IPR) projects in RWQCB Region 7 (Colorado Basin) will also be described to provide other examples in the area.

The results of the Phase I Reconnaissance Investigation will be presented in a Technical Memorandum (TM) format that describes physical, environmental, and legal benefits and constraints associated with likely recharge locations. Reconnaissance-level capital and Operation and Maintenance (O&M) cost will be estimated for each alternative. Recommended sites for further investigation under the Phase II Feasibility Investigation will be provided.

Previous studies have found that soil infiltration rates vary widely near the City of Ridgecrest, ranging from as low as 0.23 inches per day up to 2.5 feet per day. This investigation will review these previous studies and expand the study area beyond the City of Ridgecrest to identify areas with high potential infiltration rates. The final selection of sites will be ranked based on-site visits, available data, and literature research.

Specific tasks include:

1. Literature Review and Visual Observation at Potential Sites
2. Regulatory Constraints and Case Studies
3. Facility and Engineering Requirements
4. Technical Memorandum/Rank Sites for Infiltration Capacity

The results from the Reconnaissance Investigation will be presented in a Technical Memorandum that describes the infiltration capacity at each site. A draft TM will be provided to IWVGWA GA/TAC review.

BUDGET

Task	Description	Cost
1	Literature Review/Field Work	\$11,000
2	Regulatory Constraints and Case	\$7,400
3	Facilities and Engineering	\$10,200
4	Tech Mem/Rank Sites	\$23,000
5	Project Management	\$8,800
Total		\$60,500

This Scope of Work and budget have been reviewed by the IWVGA Staff Team and the TAC.

ACTION(S) REQUIRED BY THE BOARD

Staff recommends the Board authorize the Water Resource Manager to proceed with Surface Percolation Replenishment and Pilot/Demonstration Project (Phase 1).

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IWVGA Board Meeting
March 10, 2021

GSP Planned Projects – Project No. 1 Surface Percolation Replenishment and Pilot/Demonstration Project (Phase 1)

- Scope of Work and Budget released to Staff Team and TAC for comments. Comments received and addressed in revised proposal.
- Discussions with TAC members regarding limited viable potential sites for Phase III pilot testing.
- Revisions to Scope/Budget/Schedule (Proposal).
- Revised Proposal released this week.
- Budget \$60,500
- Staff Recommendation – Board authorize the WRM to proceed with the Surface Percolation Replenishment and Pilot/Demonstration Project (Phase 1).

AGENDA ITEM 8



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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members **DATE:** March 10, 2021

FROM: IWVGA Staff

SUBJECT: **Agenda Item No. 9 – Board Consideration and Possible Approval of Variance Request per Ordinance No. 04-20 by J. Freeman**

DISCUSSION

At its November 19th, 2020 meeting, the Board heard staff recommendation for a change to the Meter Compliance Policy and an amendment to Ordinance 01-20 with the First Read of Ordinance 04-20. Specifically, Article 8 was added to Ordinance 01-20 stating the following:

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 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 subs time the requestor may be asked to provide further support for the request.

Staff sent a letter to all small mutual and co-op well owners/operators dated November 23, 2020, advising them that Staff presented for Board consideration at the November 19th meeting Article 8 to be added to the Ordinance to provide a process to apply for a variance from the requirements of Article 2, Meter Installation, and Article 3, Meter Testing, of the Ordinance. The letter also indicated that Ordinance 04-20 was approved and is on the agenda for the second reading and approval at the December 17th meeting.

Since the previous Board meeting on February 10th, 2021, Staff has received and reviewed one (1) request for a variance under Article 8 of Ordinance 04-20.

J. Freeman

Mr. J Freeman submitted a letter to Staff requesting a variance from the requirements from Article 2 and Article 3 of Ordinance No. 01-20. Mr. Freeman has submitted the variance request on behalf of his co-op well owners, which jointly operate a well serving four parcels located in Ridgecrest. The variance request letter indicated that each party has a water meter installed on their main water line to measure monthly use, though it appears that the well is not equipped with a master flow meter. Additionally, Mr. Freeman’s letter provided historic total water use by the entire co-op:

2017: 7.57 acre-feet
2018: 7.41 acre-feet
2019: 6.41 acre-feet
2020: 5.24 acre-feet

Mr. Freeman has registered the co-op’s well with the IWVGA and has paid his portion of the IWVGA’s groundwater extraction fee for the period from May 2020 through January 2021. Mr. Freeman’s total reported extractions during this period are approximately 2.25 acre-feet. The other three (3) members of the co-op have self-reported themselves as de minimis extractors, which are exempt from the requirements of Ordinance 01-20, and do not report their monthly water use to the IWVGA.

ACTION(S) REQUIRED BY THE BOARD

Staff recommends Board approval of the variance request for solely Mr. Freeman.

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IWVGA Board Meeting
March 10, 2021

Proposition 1 Status Update

- Invoice #8a
 - Covers July through September 2020
 - Total payment after retention: \$137,793.79
 - Modified per DWR comments
 - Status: Submitted November 30, 2020
 - Progress Reports combined for Prop 1 & Prop 68 submitted November 30, 2020
 - DWR provided minor comments on January 8; comments addressed and invoice resubmitted on February 5
 - DWR provided additional minor comments on March 2; comments currently being addressed for invoice resubmission
- Invoice #9a
 - Covers October through December 2020
 - Total payment after retention: \$127,787.67
 - Status: Submitted February 26, 2021
 - Progress Reports combined for Prop 1 & Prop 68 submitted February 26, 2021

AGENDA ITEM 10a



IWVGA Board Meeting
March 10, 2021

Proposition 68 Status Update

- Invoice # 8b
 - Covers July through September 2020
 - Total payment after retention: \$3,412.40
 - Submitted November 30, 2020
 - Status: Approved by DWR on January 15, 2021; currently awaiting payment
- Invoice # 9b
 - Covers October through December 2020
 - Total payment after retention: \$4,348.28
 - Submitted February 26, 2021

AGENDA ITEM 10b



IWVGA Board Meeting March 10, 2021

New Proposition 68 Grant Funding Application

- Grant application was submitted on January 8, 2021 (on time)
 - Compiled application is available on IWVGA website
- Six (6) Letters of Support were submitted by January 15 to justify Project benefits to Underrepresented Communities for a reduction or elimination of Local Cost Share
- Grant Application was distributed to TAC on January 29 for review and comment on grant scope of work and budget
 - If IWVGA is awarded a grant, it is anticipated that there will be some flexibility in negotiating the final scope of work and budget included in the final grant agreement.
- DWR received 15 eligible applications requesting over \$70 million in grant funds
 - Only \$26 million available in total Round 1 funding
- Draft funding list to be released in mid-March 2021 for public review

AGENDA ITEM 10c



IWVGA Board Meeting March 10, 2021

Recycled Water Program Update

- Recycled Water Use Alternatives Analysis was authorized at January 2021 Board meeting
 - Evaluate the potential uses of recycled water in the Basin and identify those uses that achieve the highest and most cost-effective benefits towards sustainable Basin management and reduction of imported water requirements
- Alternatives Analysis Update
 - Scope of Work distributed to City and TAC members for review and comment on February 12
 - City/TAC comments have been received and are being incorporated
 - Work will continue on the Analysis with ongoing coordination with the City of Ridgecrest, the TAC, and the IWVGA Board

AGENDA ITEM 10d



Rose Valley Monitoring Well FY 2021 COSO Project Status

- Stetson met with Driller and BLM representative to identified access and three well sites
- All sites are located on BLM land, north of BR-10, between 395 and Navy property
- Stetson is working with BLM to secure Form SF299 for Cat-Ex and Right-of-Way
- Work Plan, Recommended Contractor, and Permitting Documents ready by March 22nd
- Package delivered to Navy by early April
- Drilling to commence in Fall 2021

FY 2022 COSO Project Status

- Preliminary Project List was distributed to TAC on March 8
- Final Project List will be completed by March 16th
- Initiate feasibility level design (Navy Form DD1391) March 15th
- Identify and initiate permitting requirements by end of week of March 15th
- Draft 1391 documents for two preferred projects week of April 18th
- Final 1391 documents delivered to Navy week of April 25th

IWVGA Board Meeting
March 10, 2021

GSP Planned Projects – Project No. 4 Shallow Well (Impacts) Mitigation Program (update)

- February 10, 2021 IWVGA Authorized Program Budget for 2021 - \$70,000 (\$50,000 Program Plan, \$20,000 Outreach, Identification and Initial Evaluation)
- The Program Plan Outline Reviewed by Staff Team and TAC, Posted on Website. Work is Underway.
- Shallow Well Impacts Report Form Reviewed by Staff Team, Under Review by TAC. Initial Comments by March 8, 2021. Final comments by March 24, 2021. To IWVGA Board April 14, 2021, then Posted to Website.

AGENDA ITEM 10f



IWVGA Board Meeting
March 10, 2021

Request for Navy (NAWS/China Lake) 2020 Groundwater Pumping

- Provisions of GSP Groundwater Pumping Management Effective January 1, 2021
- Groundwater Production Allotments of 7,650 AF Required for 2021
- Navy (NAWS/China Lake) 2020 Groundwater Pumping Under Federal Reserve Rights Requested by Letter Dated March 3, 2021 (See Board Packet)
- IWV Groundwater Basin 2021 Pumping Allotments Provided to IWVGA Board at April 14, 2021 meeting

AGENDA ITEM 10g



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**Indian Wells Valley Groundwater Authority
February 2021 Financial Report**

	FY 2020 Actuals	2021 Budget	through February (GSP)	through February (Admin)
Beginning Balance	111,735		-	-
County of Kern Advance	-	-	-	-
IWVWD Advance	27,835	-	-	-
Navy in-Kind	-	-	-	-
IWVWD In-kind	-	-	-	-
Initial Member Contribution	-	-	-	-
Beginning Balance	111,735	-	64,491	-
Revenues				
DWR	-	-	-	-
Prop 1 Grant	174,984	-	-	342,257
-GSP Preparation @ \$1,500,000	-	324,494	-	-
-SDAC Reimburse @ \$646,000	-	389,051	-	-
Prop 68	-	283,918	-	-
Assessment Pumping Fee	822,785	1,959,673	-	202651.03
Total Revenue	1,419,253	2,957,136	-	544,908

	GSP Budget	Admin Budget	through February (GSP)	through February (Admin)
City of Ridgcrest Reimbursement	210,466	300,000	-	-
County of Kern Advance Reimbursement	500,000	500,000	-	-
IWV Water District Advance Reimbursement	500,000	-	-	-
- IWV Water District credit for invoices pd on behalf of IWVGA	115,083	-	-	-
Legal Services	-	-	-	21,990
DRI	-	-	-	-
SDAC	-	481,651	-	29,610
Stetson	-	60,000	-	360,572
- SDAC Support	-	12,000	-	-
- Weather Station Maintenance	-	2,000	-	-
- Monitoring Well Maintenance	-	2,000	-	-
- Pump Fee Support	-	15,000	-	-
Auditing Services	-	-	-	-
IWVWD Reimbursement for Website fees	-	-	-	276
Banking Fees	-	-	-	-
Additional Insurance Cost	-	-	-	-
PAC & TAC Meeting Costs	-	-	-	-
Water Marketing	-	-	-	10,113
Water Wise Consulting	-	-	-	11,815
Well Monitoring	-	-	-	1,680
Other (Mailer, etc.)	-	-	-	1,299
Transfer to Admin	-	911,050	-	-
Total Expenses	1,325,549	2,283,701	-	437,355

Ending Balance	(652,114)	172,044
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Unpaid Invoices

Brown Armstrong INV# 257461, 01/31/21	1,000.00
California Rural Water Association INV# ICSD-FSLD-A-003, 12/09/20 (approved, payment pending SDAC reimbursement)	11,500.74
California Rural Water Association INV# ICSD-FSLD-A-004, 01/11/21 (approved, payment pending SDAC reimbursement)	1,715.00
California Rural Water Association INV# ICSD-FSLD-A-005, 02/12/21	3,162.50
California Rural Water Association INV# SVWD-FSLD-A-001, 12/10/20 (approved, payment pending SDAC reimbursemen	1,295.00
California Rural Water Association INV# SVWD-FSLD-A-002, 01/11/21 (approved, payment pending SDAC reimbursemen	11,164.64
California Rural Water Association INV# SVWD-FSLD-A-003, 02/12/21	21,116.25
Stetson INV# 2652-38, 10/09/20 (approved, deferred)	68,616.69
Stetson INV# 2652-39, 11/11/20 (approved, deferred)	49,307.67
Stetson INV# 2652-40, 01/06/21 (approved, deferred)	90,629.36
Stetson INV# 2652-41, 01/15/21 (approved, deferred)	133,075.03
Stetson INV# 2652-42, 02/04/21 (approved, deferred)	72,409.46
Water Wise Consulting INV# 6626, 12/31/20 (approved, payment pending SDAC reimbursement)	5,640.00
Water Wise Consulting INV# 6674, 02/28/21 (approved, payment pending SDAC reimbursement)	6,660.00
	477,292.34

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To: Carol Thomas, General Manager – IWVGA

From: Jeff Simonetti, Senior Vice President

cc: Michael McKinney
Todd Tatum
Steve Johnson, Stetson Engineering
Members of the IWVGA Board of Directors

Date: March 10, 2021

Subject: Project Update Memorandum for February 2021 activities

The following memo will serve as Capitol Core's update for activities that we completed in February:

2021 NDAA Priorities

In January, we worked with IWVGA staff and Minority Leader McCarthy's office to begin discussions regarding the 2021 National Defense Authorization Act (NDAA). Though the bill likely will not pass until later in the session, the initial bill markups will likely begin in March. We discussed our priorities with Rep. McCarthy's staff for the 2021 bill. They specifically include:

- 1) Secure programmatic annual funding for the Defense Community Infrastructure Program and prioritize resiliency projects.
- 2) Determine whether there are potential funding sources for authorization of the wastewater treatment plant.
- 3) Explore ways that the Department of Defense can work collaboratively with its existing water resource portfolio in California.

We will continue these discussions with Rep. McCarthy's staff in early March and we anticipate that the markup hearings will begin in either late March or early April.

2021 DCIP Funding Round

Capitol Core is monitoring the 2021 round of Defense Community Infrastructure Program (DCIP) funds coming from the DoD's Office of Local Defense Community Cooperation (OLDCC). The DoD renamed this Office from the Office of Economic Adjustment in the 2020 NDAA. As you will recall from the Annual Report discussion on the topic, the 2020 Congressional spending bill appropriated \$60 million to the DCIP for 2021, a \$10 million increase from the amount available in 2020. The 2020 NDAA also reprioritized the DCIP application "buckets" to the following order for 2021:

- 1) **Military Value:** Projects which have a direct impact on the mission status and readiness of the installation

- 2) **Resiliency:** Projects which address a scarcity issue that encroaches on a military installation readiness or enhances the resiliency of the installation (e.g., infrastructure, transportation, communication)
- 3) **Military Family Quality of Life:** Projects affecting the value or quality of life of military personnel and dependent families (e.g., educational, recreational, cost reducing, physical wellbeing)

If the DCIP follows the same timing as last year, we anticipate that the program will likely release guidance and application procedures in April and have a call for applications in the May/June timeframe. We will be working with staff and coordinating with Base command on the eligible projects (at this point the WWTF – in the future, the imported water infrastructure) and attending program workshops/application discussions as appropriate.

Federal Legislation We are Monitoring – WIIN ACT Renewal

The Water Infrastructure Improvements for the Nation Act (S.612, 114th Congress, Cornyn R-TX) passed in 2016. The bill provided for a host of infrastructure projects in California including funding for major water storage projects. The bill did not include programmatic funding, and as such the departments that received funds expended most all of them. In February, California Congressmen Mike Garcia (R-Santa Clarita) and David Valadao (R-Hanford) introduced new legislation to reauthorize the WIIN Act. Both bills are “placeholder bills” and do not have specifics yet on the amount of authorizations they will provide. We will continue to monitor these bill introductions to determine whether there are opportunities to potentially secure funding for either the wastewater treatment plant or the imported water infrastructure project in the future should these bills pass.

Federal Legislation We are Monitoring – Infrastructure Bill and Potential Wastewater Funding

After Congress completes the latest round of Coronavirus stimulus negotiations, the updates to the infrastructure funding bills will likely become a top priority for passage. The water-related sections will likely get folded into the larger infrastructure bill that House Transportation Committee Chair Peter DeFazio (D-OR) will be forwarding as part of the required renewals under the Water Resources Development Act (WRDA). As we discussed at the end of 2020, the 116th Congress passed a “bare bones” skeleton bill that reauthorized the sections of WRDA that were set to expire at the end of the year. However, there are further provisions of the WRDA that will need to be reauthorized by September 30th to avoid disruption of services.

Towards that end, Rep. Grace Napolitano (D-CA) who chairs the Water Resources and Environment Subcommittee plans to introduce legislation particularly related to wastewater treatment funding. Specifically, she would like the bill to focus on reauthorizing the US EPA Clean Water State Water Revolving Fund program, which is a key driver to assisting communities in delivering wastewater treatment plant upgrades and infrastructure. In the 116th Congress, Chairman DeFazio attempted to pass H.R. 1497 entitled *The Water Quality Protection and Jobs Creation Act of 2019* which would have authorized \$20 billion over five years to go towards wastewater infrastructure. Although the bill passed out of Committee, it did not receive a vote on the floor. Rep. Napolitano is considering whether she will introduce similar legislation in this session.

We will continue to monitor the introduction of these bills and will provide you updates as the process begins on the infrastructure bills. We anticipate that hearings should begin on these bills later in the month or in early April.

State Programs We are Monitoring – Potential Temperance Flat Dam Funds Reprogramming

The Temperance Flat Dam was a proposed second dam behind the existing Friant Dam, which forms Millerton Lake on the San Joaquin River. While the River already has a dam to form Millerton Lake and feed the Friant-Kern Canal (among other projects on the River), proponents of Temperance Flat argued that the existing Millerton Lake is not large enough to capture high-flow water years such as what occurred in 2017 or 2019. The project would have created a second dam to raise the water levels in the Temperance Flat area upstream of the existing Millerton Lake. The project initially received \$171 million in Prop. 1 funding from the California Water Commission (CWC).

Despite the \$171 million in funding, the project had a few flaws from the start. First, engineers estimated the total project cost at \$2.6 billion to complete, so the amount allocated through the California Water Commission was a small portion of the total funding need. Second, the project faced environmental opposition from the beginning. Finally, the San Joaquin River water is already significantly over-subscribed, and there is no guarantee that the project will create “new water” above and beyond what member agencies already receive. As such, the project had a hard time attracting new funding and missed a milestone deadline to receive the \$171 million CWC grant.

The California Water Commission is determining what to do with these turned-back funds. They are accepting applications for consideration of re-programming these funds. Applications are due by October 22, 2021. In order to be considered under this program, the project would have to complete the following by January 1, 2022:

- Complete a feasibility study
- Have draft environmental documentation ready for public review
- Have commitments for at least 75% of the non-public benefit cost share of the project and
- The Commission must find the project feasible

While Capitol Core is not certain whether completing these requirements is feasible in the timeframe necessary, if they are, there is no cost to submit a feasibility review application to the CWC for review. We are working with Stetson and IWVGA staff to determine whether any of the infrastructure projects will be eligible for this funding by the application deadline.

Other Activities in December

In addition to the items discussed above, we attended parts of the February Board meeting and continued to assist staff with determining and monitoring potential water supplies for the Groundwater Authority.

Should you have any questions, please feel free to reach me at 909-568-5645.

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IWVGA February 2021 Report- Michael Sims (Lead Leak Detection Specialist)

February 2: Onsite preparing to do a full day system leak audit at Argus

February 3: Onsite full day system leak audit at Argus/ South Trona

February 4: Onsite full day system leak audit at Argus/South Trona

February continued: Continue gathering information from the team's equipment and pictures, also mapping systems and revising boundary lines according to Tony at Searles Domestic Water Company on Diamond Maps. Also, telecommunication via email with Audrey in getting the meter routes for Trona and Pioneer Point. Need all the maps on Trona, didn't have them all, email Audrey to get them all.

February 9: Onsite full day system leak audit at South Trona

February 10: Onsite full day system leak audit at South Trona

February 23: Onsite Inyokern CSD redoing a correlation survey and giving Jack the meter boxes, we could not locate. Ask him to find the missing meter boxes for us and mark with blue spray paint.

February 23: Onsite full day starting leak audit at Trona

February 24: Onsite full day system leak audit at Trona

February 25: Onsite half day system leak audit at Trona

February 26: Gathering information from team on this week's leak survey

Why CRWA does leak detection:

Leakage management is seen as an effective tool for asset management. In most cases, pipes leak for a significant time period before they fail. Effective leak detection can avoid catastrophic failures. Leak detection paired with good leakage management provides a true picture of the structural integrity of the distribution system under operating conditions. The renewal and replacement of the pipes can be planned based on the number of leaks/validated leak noises in the pipe rather than the age of the pipe.

North American water utilities are under no or little regulatory pressure to control water leakage. Therefore, leakage management is generally limited to passive leakage control such as responding to visible leaks or auditing for water loss. Recent droughts and increasing competition over limited water resources has created political pressure to reduce water leakage. Governing bodies have historically suggested conservation, but water rights issues could necessitate mandated leakage targets and proactive leakage management.

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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

February 2021

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Month Eight 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 February work continued on outreach and marketing to raise awareness of the program.

Marketing and Outreach

The program launched in August. Program marketing continued through February. Phone calls were made again to local contractors and plumbers, to inform them of the program and offer postcards to distribute. A second round of postcards were mailed directly to the provided lists of customers. An ad was placed in the weekly Swap Sheet, to run for a total of 4 weeks. These efforts generated some interest and two applications.

As part of this final big outreach push, the decision was made to change the time for customers to complete installation, to 30 days from 45. This allows the program to continue to receive and process applications for an extra two weeks. In order to make this change, a revision was made to the program Terms and Conditions, which was updated on the website.

Program Applicants and Customer Service

Response to the program marketing remains low. Four incoming customer calls and one email regarding the program came in response to the second postcard mailing. Two applications were received, one of which came from a customer in the eligible area. 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 January were \$6,660. This consisted of the \$5,000 monthly administration fee and hourly fees for program management and marketing and outreach. Remaining program budget at the end of January was \$96,000.

In Closing

Month Eight

With continued lack of applications, month eight saw ongoing outreach efforts to reach eligible customers. A second direct mailing to customers produced some responses and two submitted applications, one of which was eligible for the program. Concern over lack of applications will drive further marketing and outreach until the deadline for applications.