

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

Ridgecrest City Hall 100 W California Ave., Ridgecrest, CA 93555 760-499-5002

BOARD OF DIRECTORS

A G E N D A

Thursday, June 20, 2019

Open Session 10:00 a.m.

Pursuant to California Government Code 54953(B)(1) An Additional Call in Location Has Been Established for A Board Member Who Will Attend This Meeting Via Teleconference At:
777 East Rialto Avenue, San Bernardino, CA 92415

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact Lauren Duffy at (760) 384-5511. Requests must be made as early as possible and at least one full business day before the start of the meeting. Documents and material relating to an open session agenda items that are provided to the IWVGA Board of Directors prior to a regular meeting will be available for public inspection and copying at Indian Wells Valley Water District, 500 Ridgecrest Blvd, Ridgecrest, CA 93555, or online at <https://iwwga.org/>.

Statements from the Public

The public will be allowed to address the Board during Public Comments about subjects within the jurisdiction of the IWVGA Board and that are NOT on the agenda. No action may be taken on off-agenda items unless authorized by law. Questions posed to the Board may be answered after the meeting or at future meeting. Dialog or extended discussion between the public and the Board or staff will be limited in accordance with the Brown Act. The Public Comments portion of the meeting shall be limited to three (3) minutes per speaker. Each person is limited to one comment during Public Comments.

1. CALL TO ORDER

- a. Pledge of Allegiance
- b. Roll Call

2. 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.

3. PRESENTATIONS:

a. WellIntel Well Monitoring Pilot Project

Description: Lee Knudtson, of WellIntel, will provide a report on the results of the 60-day trial which demonstrated their well monitoring program of 10 wells within the basin. Board discussion and direction to Staff.

4. CONSENT AGENDA

- a. Approve Minutes of Board Meeting May 16, 2019 and Special Meeting May 30, 2019

- b. Approval of Resolution No. 02-19: Appointing Thomas Bickauskas as PAC representative for Bureau of Land Management (BLM)
 - c. Approval of Resolution No. 03-19 Appointing Mallory John Boyd as TAC representative for Business Interests
 - d. Approve Expenditures
 - i. \$12,137.36 - RWG Law
 - ii. \$26,717.19 and \$10,777.02 - DRI
 - iii. \$89,203.59, \$92,542.40, \$101,799.45, \$104,714.33 - Stetson Engineers
 - iv. \$747.00 – City of Ridgecrest
 - v. \$1,309.24 – Reimbursement to IWVWD for Postcard Mailer
 - vi. \$2,000.00 – Lynn Rickard, Appraisal Fee
 - vii. \$21,859.99 – Capitol Core Group
- 5. PRESENTATIONS ON REQUEST FOR PROPOSALS (RFP) FOR SEVERELY DISADVANTAGED COMMUNITIES (SDAC) WATER AUDIT, LEAK DETECTION AND REPAIR PROGRAM**
- 6. PRESENTATIONS ON REQUEST FOR PROPOSALS (RFP) FOR SEVERELY DISADVANTAGED COMMUNITIES (SDAC) RESIDENTIAL AND COMMERCIAL REBATE PROGRAM**
- 7. DISCUSSION AND BOARD APPROVAL OF AMENDMENT TO IWVGA/DESERT RESEARCH INSTITUTE CONTRACT**
- 8. WATER RESOURCES MANAGER (WRM) REPORT**
 - a. Report/Discussion on Plan of Action and Milestones (POAM)
 - b. Report on Proposition 1 Grant Status
 - c. Report on Pump Fee Status/Schedule
- 9. UPDATE ON IWVGA FINANCES**
- 10. UPDATE ON OUTREACH EFFORTS**
- 11. BOARD QUESTIONS REGARDING POLICY ADVISORY COMMITTEE (PAC) AND TECHNICAL ADVISORY COMMITTEE (TAC) REPORTS**
- 12. GENERAL MANAGER’S REPORT**
 - a. Report on IWVGA’s Water Marketer (Capitol Core Group)
 - b. Discussion and Board Direction regarding Bureau of Reclamation WaterSMART Grant Opportunity
- 13. CLOSING COMMENTS**

This time is reserved for comments by Board members and/or staff and to identify matters for future Board business
- 14. DATE AND TIME OF NEXT MEETING** – July 18, 2019; 10:00 a.m.
- 15. CLOSED SESSION**
 - CONFERENCE WITH LEGAL COUNSEL - POTENTIAL LITIGATION
(Government Code Section 54956.9(d)(2)(e)(1)) Number of cases: One (1) Significant

**IWVGA Board of Directors
Meeting of June 20, 2019**

exposure to litigation in the opinion of the Board of Directors on the advice of legal counsel, based on: Facts and circumstances that might result in litigation against the IWVGA but which are not yet known to a potential plaintiff or plaintiffs, which facts and circumstances need not be disclosed.

- CONFERENCE WITH LEGAL COUNSEL - REAL PROPERTY NEGOTIATIONS
(Government Code Section 54956.8)IWVGA Negotiator: Capitol Core Group
Negotiating with: Representatives of Antelope Valley-East Kern Water Agency, Mojave Water Agency, City of Napa and Semitropic Water Storage District Real Property:
Miscellaneous Imported Water Supplies

16. ADJOURN

About

Download

Start and End Dates:

2019-04-10 to 2019-06-11

Date to Plot:

2019-04-10

2019-06-05

2019-04-10 2019-04-24 2019-05-08 2019-05-22 2019-06-05

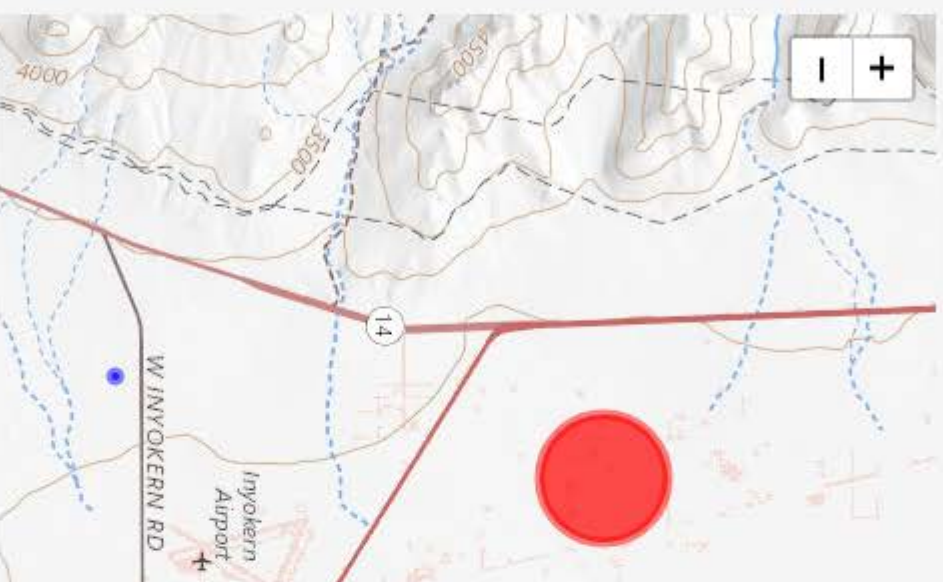
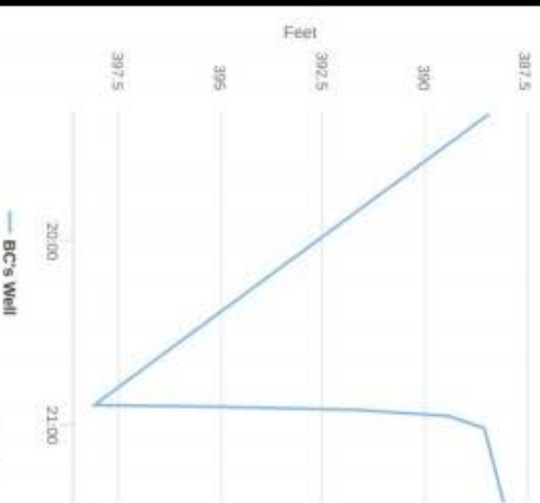
Map Variable:

Water Elevation

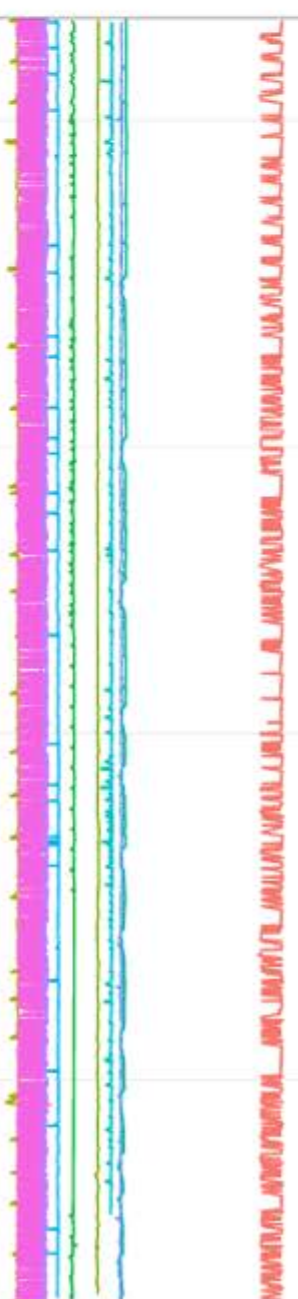
Recovery Time

Next

Last Recovery



Elevation (ft)



10 new monitoring points
8 new Well Registrations
Insight gained into hydraulic properties
Trust gained by well owners



January 3rd, 2019

Indian Wells Valley Groundwater Authority

Thank you for inviting this proposal to create an automated community-based groundwater-level monitoring network for the Indian Wells Valley Groundwater Basin.

WellIntel is a leader in creating cost-effective automated groundwater-level monitoring networks, complementing and extending existing networks, and generating rich and actionable datasets. The network proposed will inform groundwater managers of basin-wide groundwater conditions and reveal the dynamics in, and between, individual wells. It will also engage 10 well owners in groundwater management.

All data can be viewed by the Groundwater Authority in customize-able displays to readily interpret data through WellIntel's online dashboards. Well owners participating in the network will access their own wells' data through their own online dashboard, providing them personally relevant benefits to participating in groundwater management.

The proposed monitoring network consists of 10 monitoring points. Data will be streamed and displayed online. The network will assist the Groundwater Authority by:

- **continuously reporting groundwater-levels and pumping activity in real-time to online dashboards in customize-able displays**
- **engaging groundwater stakeholders in groundwater management**

Groundwater stakeholders are engaged in the groundwater management through:

- **receiving insight into their well's water supply and pumping dynamics through online dashboards**
- **registering their well with the Groundwater Authority**

This automated community-based groundwater-level network is provided initially as a 60-day trial. With approval of this proposal, we will process and ship the order and issue an invoice with net-60 days terms. WellIntel's field technician will work with IWVGA to select wells and install as quickly as possible in order to capture winter recovery and spring drawdown. The 60-day trial and payment terms begin once the network is installed. After 60 days, IWVGA can choose to keep the network and pay the invoice due.

I look forward to working closely with IWVGA to create this community-based monitoring network

Best Regards,
Lee Knudtson
WellIntel Business Development Representative

Indian Wells Valley Basin Monitoring Network Proposal

Project Budget Estimate

In this proposal, the network equipment is owned by IWVGA. WellIntel will monitor remotely and provide updates and alerts to your technical staff so that they can handle maintenance of the network.

Network Deployment costs for a 10-well network include:

- WellIntel system and adaptation equipment
- Assistance in network design and well candidate review
- Installation cost for 1 WellIntel technician to be in the field full time
- Training for dashboard use and equipment maintenance for the IWVGA team
- Year one of data services

Network Commissioning + Equipment + Data Services	
Services: Network Commissioning: community engagement, well candidate assessment, equipment installation, and system operation and maintenance training. Includes estimated travel and lodging costs for Technicians	\$2,870
Equipment: WellIntel System - Sensor, Gateway and Battery - Groundwater-level data - Pumping activity data	\$5,680
Allowance for wellhead adaptations:	\$1,370
Year One Data Services: Standard Package - \$168/well annually - Includes network status monitoring and alerts, data QA/QC, water-level data aggregation, data delivery, data visualization Pumping Activity Metrics - \$28/well annually - Pumping activity monitoring and alerts, data aggregation, delivery, visualization - If measurement frequency exceeds, on average, more than 65 readings a day or 2K readings per month, WellIntel staff will notify an IW administrator and discuss options.	\$1,960
Network Initiation and First Year costs + applicable shipping and sales tax	
We are providing this network as a 60-day trial. Our field technician will install within 30 days of your written consent. Once installation is complete, the 60-day trial will begin.	\$11,880

Indian Wells Valley Basin Monitoring Network Proposal

Ongoing Network Operation: includes data services and wear parts pricing.

IWVGA is responsible for ongoing maintenance of the network. WellIntel will need two persons of contact with the IWVGA, one for technical tasks to maintain the network and one for financial decision making. The technical staff will be trained on WellIntel dashboard use. IWVGA technical staff can use their WellIntel interactive dashboard to remotely monitor system operations and status - such as battery or sounder replacements - to plan for any network maintenance. WellIntel will provide ongoing remote support to IWVGA for network maintenance and we are always happy to respond to technical questions or to troubleshoot remotely.


Annual Operation	
Data Services Invoiced annually	\$1,960
Battery replacement As needed, dependent on sampling interval, the battery will last 12 to 24 months	\$60/battery
Sounder replacement As needed, dependent on construction/complication of well	\$45/sounder
WellIntel Field Services (optional) WellIntel Field Technician daily rate	\$1,250/day
Estimated annual cost + applicable shipping and sales tax Including wear parts listed above and Data Services	\$3,010/yr
Additional Details - Data sharing is available and controlled by IWVGA or designated authority	

This quote is valid for 30 days from the date referenced in the title of this proposal.

Proposal Acceptance:

The above prices, conditions and specifications are satisfactory and hereby accepted. WellIntel is authorized to do the work specified. Payment will be made as outlined above.

Date of Acceptance: 17 January 2019

Signature: 

Name: Don Zdeba

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

BOARD OF DIRECTORS MINUTES

Thursday, May 16, 2019; 10:00 a.m.

IWVGA Members Present:

Chairman Ron Kicinski, IWVWD	Don Zdeba, IWVGA General Manager
Bob Page, San Bernardino County	James Worth, Legal Counsel
Mick Gleason, Kern County	Steve Johnson, IWVGA Water Resources Manager
Commander Peter Benson, US Navy, DoD Liaison	Thomas Bickauskas, Bureau of Land Management
Scott Hayman, City of Ridgecrest	Lauren Duffy, Clerk of the Board

Attending via teleconference is John Vallejo, Inyo County

Meeting recording and public comment letters submitted are made available at:

<https://iwvga.org/iwvga-meetings/>

1. CALL TO ORDER:

The meeting is called to order by Chairman Kicinski at 9:58 a.m.

- a. The Pledge of Allegiance is led by Scott O'Neil.
- b. Lauren Duffy calls the following roll call:

Director Vallejo	<i>*Absent at time of roll call</i>
Director Hayman	Present
Chairman Kicinski	Present
Director Page	Present
Vice Chair Gleason	Present

2. PUBLIC COMMENTS:

Shirley Kirkpatrick expresses her concerns with the Government deciding what Indian Wells Valley (IWV) residents can do with their water.

Lorry Wagner submits several letters sent to California political representatives (available online). Ms. Wagner further expresses her concerns with the deadline for the submittal of the Groundwater Sustainability Plan (GSP) and the path the IWVGA is taking, including how the Authority is spending money.

3. CONSENT AGENDA:

- a. Approve Minutes of Board Meeting April 18, 2019
- b. Approve Expenditures
 - i. \$13,552.50 – RWG Law
 - ii. \$913.00 and \$747.00 – City of Ridgecrest
 - iii. \$11,466.26 – Capitol Core Group

Motion made by Bob Page and seconded by Mick Gleason to approve Minutes of Board Meeting on April 18, 2019, and the following expenditures: \$13,552.50 to RWG Law, \$913.00 and \$747.00 to City of Ridgecrest, and \$11,466.26 to Capitol Core Group. Motion carries by the following vote: (Ayes: Gleason, Hayman, Kicinski, Page. Nays: None. Absent: Vallejo)

4. WATER RESOURCES MANAGER REPORT:

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

Heather Steele provides a report on the POAM. Available online.

b. Report on Proposition 1 Grant Status:

Heather Steele reports the packet for Invoice #1 was submitted and approved by Department of Water Resources (DWR) on May 9, 2019. The first payment is anticipated to be received by early June. The first invoice amount is \$372,851.88. Due to DWR retaining 10% of all reimbursement payments until the end of the Proposition 1 Grant period, Staff expects a reimbursement of \$335,566.69. Staff is currently working on the packet for Invoice #2, which will include the period between October 2018 – March 2019.

c. Report on Pump fee Status/Schedule:

Ms. Steele reports, as of May 10th, there are 52 registered non-deminimis accounts and 23 accounts not registered, which are believed to be non-de-minimis. \$244,500 received to date in pumping fees.

d. Severely Disadvantaged Community (SDAC) Update:

Ms. Steele reports the Request for Proposals (RFP) for administration of the Residential and Commercial Rebate Program have been distributed and responses are due by today, Thursday, May 16, 2019. Additionally, the RFPs for the development and implementation of the Water Audit, Leak Detection and Repair Program have been distributed and responses are due by Thursday, May 23rd. Stetson Engineers and staff will review the bids and provide a recommendation to the Board. In the case that there are multiple qualified bidders, staff suggests the final candidates provide presentations to the Board for an interview process and final decision at the June meeting. The Board agrees with staff recommendation regarding multiple qualified bidders.

5. UPDATE ON IWVGA FINANCES:

Mr. Zdeba provides an update on the IWVGA financial report included in the Board Packet.

Director Vallejo joins the meeting via teleconference at 10:33 a.m.

The ending balance, including the four (4) invoices approved at today's meeting, is \$6,775.24.

Director Vallejo suggests a "big picture, long term budget", including long-term cash flow issues, be presented by staff at a future meeting.

The Board hears comments from Joshua Nugent.

6. UPDATE ON OUTREACH EFFORTS:

Mr. Zdeba provides a report on outreach efforts, including the direction to staff at the April IWVGA meeting to provide outreach to the Domestic Well Owners. An oversized postcard has

been drafted and reviewed by Chair Kicinski, Vice-Chair Gleason, Policy Advisory Committee (PAC) Chair Janiec, and Jim Worth. Staff reduced the previous mailing list, used for all parcel owners and residents in the IWV, to possible well owners within the basin. The postcard will provide a link to a simplified, voluntary, Well Registration Form for de-minimis users. These forms will be made available at the Indian Wells Valley Water District's (IWVWD) office, Inyokern Community Services District, and on the IWVGA website. PackWrap provided a quote for the postcards, which totals: \$1,313.56. The IWVWD will pay the invoice for the postcards and then ask the IWVGA for reimbursement.

The Board hears comments from Sarah Zegers.

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

PAC Chairman Dave Janiec and TAC Chairman Adam Bingham report on highlights of the May 2nd PAC and TAC meetings and answer Board questions.

The Board hears comments from Bruce Boyer and Judie Decker.

8. GENERAL MANAGER'S REPORT:

a. Report on IWVGA's Water Marketer (Capitol Core Group)

Don Zdeba provides an overview of the Project Update Memorandum from Capitol Core Group (available online).

Jeff Simonetti, Capitol Core Group, answers Board questions.

9. CLOSING COMMENTS:

None.

10. DATE AND TIME OF NEXT MEETING:

The next IWVGA Regular Board Meeting will be held on June 20, 2019; at 10:00 a.m.

With no further Board or Public comments, Chairman Kicinski recessed the meeting at 11:08 a.m. for a short break.

The meeting is reconvened into Closed Session at 11:21 a.m.

11. CLOSED SESSION:

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

No action is taken which would require disclosure under the Brown Act.

12. ADJOURN:

Chairman Kicinski adjourns the meeting at 12:04 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Lauren Duffy', with a long, sweeping flourish extending to the right.

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

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

BOARD OF DIRECTORS SPECIAL MEETING MINUTES

Thursday, May 30, 2019; 10:00 a.m.

IWVGA Members Present:

Chairman Ron Kicinski, IWVWD	Don Zdeba, IWVGA General Manager
Bob Page, San Bernardino County	James Worth, Legal Counsel
Mick Gleason, Kern County	Steve Johnson, IWVGA Water Resources Manager
Scott Hayman, City of Ridgecrest	

Attending via teleconference is John Vallejo, Inyo County

1. CALL TO ORDER:

The meeting is called to order by Chairman Kicinski at 10:01 a.m.

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

Director Vallejo	<i>*Via Teleconference</i>
Director Hayman	Present
Chairman Kicinski	Present
Director Page	Present
Vice Chair Gleason	Present

2. PUBLIC COMMENTS ON CLOSED SESSION:

None.

With no Board or Public comments, Chairman Kicinski calls the meeting into Closed Session at 10:04 a.m.

3. CLOSED SESSION:

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

4. REPORT ON CLOSED SESSION:

The meeting reconvenes into Open Session at 1:35 p.m.

No action is taken which would require disclosure under the Brown Act.

5. ADJOURN:

Chairman Kicinski adjourns the meeting at 1:36 p.m.

Respectfully submitted,



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

IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members **DATE:** June 20, 2019

FROM: Donald Zdeba, IWVGA General Manager

SUBJECT: Resolution 02-19 – Appointment of Policy Advisory Committee (PAC) Member

DISCUSSION

The Bureau of Land Management's seat on the Policy Advisory Committee (PAC) recently became vacant and is in need of being filled.

Thomas Bickauskas has been appointed by the BLM to fill the vacant seat.

RECOMMENDATION

Staff recommends that your Board accept the nomination and adopt the attached Resolution 02-19.

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

In the matter of:

Resolution No. 02-19

RESOLUTION APPOINTING MEMBER TO THE POLICY 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 20th day of June, 2019, 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 Policy Advisory Committee ("PAC") 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 Policy Advisory.

EXHIBIT A

**INDIAN WELLS VALLEY GROUNDWATER AUTHORITY
POLICY ADVISORY COMMITTEE ROSTER**

POLICY ADVISORY COMMITTEE:

12 voting members. Quorum 7

Joshua Nugent, Large Agriculture (joshua@rtsag.com)

Edward Imsand, Large Agriculture (mdairy@verizon.net)

Patricia Quist, Small Agriculture (patquist@wildblue.net)

David Janiec, Business Interests (Chairperson)

(David.Janiec@chinalakealliance.org)

James Mower, Business Interests (jamesmower.realtor@gmail.com)

Renee Westa-lusk, Residential Customers of Public Water Agency (westa-lusk@mediacombb.net)

Nick Panzer, Residential Customers of Public Water Agency (nicholascpanzer@yahoo.com)

West Katzenstein, Domestic Well Owner (w i k a t z e n @ m c h s i . c o m)

Lyle Fisher, Domestic Well Owner (lsfisher@iwvisp.com)

Judie Decker, Eastern Kern County RCD (j.decker@verizon.net)

Rajanikant Jonnalagadda, Wholesaler Industrial User (jonnala@svminerals.com)

Tim Carroll, Inyokern CSD, DAC representative (TRCarrollPE@yahoo.com)

NON-VOTING MEMBERS:

Don Zdeba, Indian Wells Valley Water District (don.zdeba@iwwvd.com)

Thomas Bickauskas, Bureau of Land Management (tbickaus@blm.gov)

John Kersey, Department of the Navy (john.kersey@navy.mil)

Lorelei Oviatt, County of Kern (loreleio@kerncounty.com)

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IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board Members **DATE:** June 20, 2019

FROM: Donald Zdeba, IWVGA General Manager

SUBJECT: Resolution 03-19 – Appointment of Technical Advisory Committee (TAC) Member

DISCUSSION

The Business Interests seat on the Technical Advisory Committee (TAC) recently became vacant and is in need of being filled.

Mallory John Boyd 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 03-19.

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

In the matter of:

Resolution No. 03-19

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 20th day of June, 2019, 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 Technical Advisory.

EXHIBIT A

Technical Advisory Committee (TAC)

Member Names

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

*Non-voting Members

Resume

Mr. Mallory John Boyd
1053 North Clifford Street
Ridgecrest, California, 93555

Phone – **Home** (760) 377-5413, **Cell** (760) 793-7433

USA Citizen

Highest Federal Grade Held – Senior Scientific Technical Manager (SSTM) GS-16/17
2014-2017

Service Comp date – 18 June 1976

Retired from federal service August 2017 after 42 year career.

1972-1976 – Vietnam Era Veteran, Honorable Discharge from the U.S. Air Force. Grade at discharge E-4, Sergeant. Precision Measuring Equipment Specialist.
Member of the Acquisition Professional Community, level 3.

Formal Education:

- Burroughs High School, Ridgecrest, California, 93555. Graduated 06/71
- Bachelor of Science in Electronics and Computer Engineering (BSECE), California Polytechnic University, Pomona, California, 91224. Graduated Eta Kappa NU honors 06/80
- Masters of Science in Administration (MSA), California State University Bakersfield, 93568 Graduated 06/98

Honors

2008 – China Lake, LTE Thompson Award (Technical Accomplishments)

2007 - Civilian Meritorious Service Award (Technical Accomplishments / Leadership)

2006 – Naval Air Systems Command, Weapons Division Commanders Award (Technical Leadership)

2006 -- 2 Patents awarded (co-inventor) for design of the Automated Distributed Threat Detection System

1984 – 2000 – Numerous (8) Technical Presentations/Papers to National Military Sensor Conferences

Experience

2010 - 2017– Naval Air Weapons Division Senior Technical Deputy to the Research and Engineering Directorate / Executive Director. SSTM grade appointed at year 4 of this assignment.

Provide technical assessments and advisories at the request of both the Weapons Division Executive Director and Commander NAWC-WD. Provide Science and Technology

objectives and internal workforce development objectives to maintain technical relevance of the center to our diversified customer base.

Establish internal investment goals in accordance with guidance derived from priorities related to the Weapons Division strategic goals, and our principle sponsors.

Responsibilities include management of the Weapons Division PL 219 Investment fund and Capital Investment Program. Provide investment recommendations and management oversight for execution of the \$20M annual Capital Investment Program, and the \$20M annual PL-219 technical workforce / scientific research fund.

Routine interactions required of this position included senior civilian and military (Flag officer and civilian equivalents) and technical experts across the command and throughout the US Navy Commands and Warfare Centers.

August 2007 – 2010: Naval Aviation Systems Command (NAVAIR) Chief Technology Office, Weapons Product Line Manager (40T): Responsibilities include oversight of science and technology portfolio for the Program Executive Office for Weapons and Unmanned Platforms.

June 2006 – August 2007: Chief Engineer for Advanced Aircraft Sensor Systems, Avionics Department AIR 4.5. Concurrent with Information Warfare Division Line Management role (see below). Primary responsibilities include Avionics Department leadership to the development of advanced Aviation Sensor Systems and associated software based exploitation systems.

May 2004 – June 2006: Deputy Director of the Avionics Department, China Lake. Responsibilities include leadership of two divisions at the China Lake site – Information Warfare Division (115 Scientist and Engineers) and the Aircraft Systems Engineering Division (100 Scientist and Engineers). Ancillary responsibility to provide Avionics Department leadership of all discretionary investment activities.

August 2000 – May 2004: Head, Information Warfare Division, China Lake, California (code 452). The Information Warfare Division consists of 5 branches across 4 sites (China Lake, Pt Mugu, Cherry Point and Patuxent River). Primary responsibilities include Tactical Aviation Mission Planning Software development and support, Electronic Warfare system software development and support, U.S. Marine Corps Tactical C4I System software development and support, Advanced RADAR Periscope Detection and Discrimination Development, Digital Precision Strike Suite Development and support, Naval Surface and Sub-surface Signals exploitation system development and support, Automatic target recognition software systems development and support, Automated battle damage indication systems development and support, Rapid precision targeting systems development and deployment, EP-3 special mission research and development, Multi-intelligence exploitation systems, and Targeting and fire control systems development and support.

July 1999 – August 2000: Deputy for Aviation Programs Science and Technology Requirements (OPNAV N091 now N84), Washington D.C. – Naval aviation assessment for Naval science and technology requirements. Responsibilities include primary science

and technology resource representative on the Time-Critical Strike Future Naval Capability Integrated Product Team. Assimilate and prioritize N85/N86/N87/N88 requirements into a cohesive list to provide direction to the Office of Naval Research Science and Technology investment priorities.

June 1997 –July 1999: Head, Targeting and Fire Control Branch (70 Scientist and engineers) Primary responsibilities include the development of advanced targeting and fire control technologies. Primary competencies managed include sensor phenomenology, and advanced software based exploitation systems

June 1980 – June 1997: Various Technical roles supporting development and integration of advanced sensors onto NAVAIR Aircraft. Programs of record supported included, A-6 Detection and Ranging System, AV-8B Night Attack, AH-1W Night Targeting System, A-12 Targeting FLIR and Navigation IR systems, JAST, JSF, F/A-18 Hornet Targeting FLIR (AAS-38).

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Invoice for Indian Wells Valley Grndwater Authority

INVOICE TO

Indian Wells Valley Groundwater Authority
c/o City of Ridgecrest - City Clerk
100 W. California Ave
Ridgecrest, CA 93555

INVOICE NUMBER: CI-06-2085 A / 11 ✓

DATE: 05/10/19

AMOUNT: \$26,717.19 ✓

TERMS: Due Upon Receipt

Contract/Grant/Agreement/Purchase Order Indian Wells Valley Grndwater Authority ✓ Contract Dated 5/23/18	Period Billed	
	From 4/1/2019	To 4/30/2019
Title: Indian Wells Valley Groundwater Authority / Groundwater Sustainability Plan - Model Coordination		
P.I.: Chapman, Jenny		
DRI Acct: AWD-06-00000423 / GR07189 RC0068 TAX ID #: 886000024		
Cost Elements/Services	Current	Cumulative

Indian Wells Valley Grndwater Authority ✓

Salaries	26,494.18	170,899.08
Travel	223.01	4,562.75
Operating	0.00	12.00
Totals	<u>26,717.19</u>	<u>175,473.83</u>

Total Amount Due This Invoice 26,717.19 ✓

Budget Amount 239,934.00
Invoiced to Date 175,473.83
Budget Balance **64,460.17**

"I certify to the best of my ability that all expenditures reported are for appropriate purposes and in accordance with the provisions of the award documentation."

Sherril Schmidt

Sherril Schmidt, Sponsored Research Specialist

(775) 673-7404

05/10/19

Date

Make Check Payable To: **Board of Regents**

Mail Check To:

Desert Research Institute
Financial Services Office
2215 Raggio Parkway
Reno, Nevada 89512-1095

* Please return Invoice Copy with Check *



GR07189

April-19

IWV - Groundwater Sustainability

Position	Worker	Rate,	Hours	Cost
S020 Environmental Scientist	Christopher Garner	106.70	76	8,133.86
Subject Matter Expert	Karl Pohlmann	219.44	15	3,309.45
Subject Matter Expert	Jenny Chapman	237.98	13	3,164.92
Hourly Data Analyst	Austin Chapman	29.46	25	735.58
S010 Environmental Scientist	Susan Rybarski	77.67	0	0.00
Geologist II	Ron Hershey	176.60	4	673.96
S020 Environmental Scientist	Steve Bacon	126.22	83	10,476.41
Total Salaries & Fringe				26,494.18



Invoice for Indian Wells Valley Grndwater Authority - Brackish Water Study

INVOICE TO

Indian Wells Valley Groundwater Authority
c/o City of Ridgecrest - City Clerk
100 W. California Ave
Ridgecrest, CA 93555

INVOICE NUMBER: CI-06-2085 B / 02 ✓
DATE: 05/10/19
AMOUNT: \$10,777.02 ✓
TERMS: Due Upon Receipt

Contract/Grant/Agreement/Purchase Order		Period Billed	
Indian Wells Valley Grndwater Auth / Brackish Study ✓		From	To
Contract Dated 11/15/18 Brackish Water Study ✓		3/1/2019	4/30/2019
Title: Indian Wells Valley Groundwater Authority / Groundwater Sustainability Plan - Brackish Water Resource Study			
P.I.: Chapman, Jenny			
DRI Acct: AWD-06-00000423 / GR08455 RC0068		TAX ID #: 886000024	
Cost Elements/Services	Current	Cumulative	

Indian Wells Valley Grndwater Authority / Brackish Water Resource Study ✓

Salaries	10,777.02	17,232.45
Travel	0.00	0.00
Operating	0.00	0.00
Totals	<u>10,777.02</u>	<u>17,232.45</u>

Total Amount Due This Invoice

10,777.02 ✓

Budget Amount 53,000.00
Invoiced to Date 17,232.45
Budget Balance 35,767.55

"I certify to the best of my ability that all expenditures reported are for appropriate purposes and in accordance with the provisions of the award documentation."

Sherril Schmidt

05/10/19

Sherril Schmidt, Sponsored Research Specialist

Date

(775) 673-7404

Make Check Payable To: **Board of Regents**

Mail Check To:

Desert Research Institute
Financial Services Office
2215 Raggio Parkway
Reno, Nevada 89512-1095

* Please return Invoice Copy with Check *



March - April 2019
GR08455

Brackish Water Study

Position	Worker	Rate, \$/hr	Hours	Cost
Groundwater Modeler	Christopher Garner	106.70	76	8,133.84
Groundwater Modeler-SME	Karl Pohlmann	219.44	8	1,669.36
Hydrogeologist-SME	Jenny Chapman	237.98	4	973.82
Groundwater Modeler-SME	Greg Pohll	231.66	0	0.00
Total Salaries & Fringe				10,777.02



Invoice

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

Invoice Number: 2652-18

Invoice Date: 03/07/19

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

Professional Services through 1/31/2019

Water Resources Management

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

134	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Principal	31.00	\$230.00	\$7,130.00
	Supervisor I	27.50	\$200.00	\$5,500.00
	Associate I	33.25	\$115.00	\$3,823.75
	Associate III	2.00	\$105.00	\$210.00
	Senior Assistant	1.00	\$100.00	\$100.00
	<i>Professional Services Subtotal:</i>			<u>\$16,763.75</u>
	Reimbursables			<u>Charge</u>
	Reproduction (Color)			\$0.89
	Mileage			\$171.10
	Overnight Mail			\$16.46
	Reproduction			\$12.25
	Telephone - Conference Call			\$90.82
	<i>Reimbursables Subtotal:</i>			<u>\$291.52</u>
	<i>Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev</i>			<u>\$17,055.27</u>

POAM No. **02.01 - Prop 1 Grant Administration**

15,16	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Principal	4.00	\$230.00	\$920.00
	Supervisor I	0.50	\$200.00	\$100.00
	Associate I	59.00	\$115.00	\$6,785.00
	Associate III	18.50	\$105.00	\$1,942.50
	<i>Professional Services Subtotal:</i>			<u>\$9,747.50</u>
	<i>Prop 1 Grant Administration Subtotal:</i>			<u>\$9,747.50</u>

POAM No. **03 - Review of Basin GW Model - GSP Compliance/Prep HCM**

31,38	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Supervisor I	2.00	\$200.00	\$400.00
	Associate III	1.00	\$105.00	\$105.00
	Technical Illustrator	16.25	\$85.00	\$1,381.25
	<i>Professional Services Subtotal:</i>			<u>\$1,886.25</u>
	<i>Review of Basin GW Model - GSP Compliance/Prep HCM Subtotal:</i>			<u>\$1,886.25</u>

POAM No. **04.01 - Data Gaps**

54,55	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Supervisor I	1.00	\$200.00	\$200.00

**04.01 - Data Gaps***Professional Services Subtotal:* \$200.00*Data Gaps Subtotal:* \$200.00POAM No. **04.02 - Data Management System**

20

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.00	\$230.00	\$230.00
Supervisor I	3.00	\$200.00	\$600.00
Associate I	17.25	\$115.00	\$1,983.75
GIS Manager	1.75	\$115.00	\$201.25
Assistant III	28.25	\$85.00	\$2,401.25
Administrative II	5.00	\$65.00	\$325.00

Professional Services Subtotal: \$5,741.25*Data Management System Subtotal:* \$5,741.25POAM No. **05 - Project Management Costs & Schedule**

126

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	6.00	\$230.00	\$1,380.00
Associate I	3.50	\$115.00	\$402.50

Professional Services Subtotal: \$1,782.50*Project Management Costs & Schedule Subtotal:* \$1,782.50POAM No. **05A - POAM**

125

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	8.00	\$115.00	\$920.00
Administrative II	4.00	\$65.00	\$260.00

Professional Services Subtotal: \$1,180.00*POAM Subtotal:* \$1,180.00POAM No. **06 - IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compliance)/Numeric**

36

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	14.50	\$200.00	\$2,900.00
Associate I	2.00	\$115.00	\$230.00
GIS Manager	4.50	\$115.00	\$517.50
Assistant III	2.50	\$85.00	\$212.50

Professional Services Subtotal: \$3,860.00*IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compliance)/Numerica* \$3,860.00POAM No. **07 - IWVGW Basin Oppty's & Constraints for Alt Imported Water Supplies**

82

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.50	\$200.00	\$300.00
Senior Assistant	28.50	\$100.00	\$2,850.00

Professional Services Subtotal: \$3,150.00*IWVGW Basin Oppty's & Constraints for Alt Imported Water Supplies Subtotal:* \$3,150.00**07.01 - Imported Water RFP****Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	16.50	\$230.00	\$3,795.00
Supervisor I	3.00	\$200.00	\$600.00
Senior II	5.00	\$145.00	\$725.00
Associate I	1.50	\$115.00	\$172.50

**07.01 - Imported Water RFP****Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	0.75	\$105.00	\$78.75
Senior Assistant	25.50	\$100.00	\$2,550.00
<i>Professional Services Subtotal:</i>			<u>\$7,921.25</u>
<i>Imported Water RFP Subtotal:</i>			<u>\$7,921.25</u>

POAM No. **08.03 - Plan Area and Basin Setting**
99**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	2.50	\$105.00	\$262.50
Senior Assistant	8.00	\$100.00	\$800.00
<i>Professional Services Subtotal:</i>			<u>\$1,062.50</u>
<i>Plan Area and Basin Setting Subtotal:</i>			<u>\$1,062.50</u>

POAM No. **08.04 - Sustainable Management Criteria**
101**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.00	\$200.00	\$600.00
Assistant III	6.50	\$85.00	\$552.50
<i>Professional Services Subtotal:</i>			<u>\$1,152.50</u>
<i>Sustainable Management Criteria Subtotal:</i>			<u>\$1,152.50</u>

POAM No. **08.05 - Projects and Management Actions**
100**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$230.00	\$460.00
Supervisor I	11.00	\$200.00	\$2,200.00
Associate I	22.25	\$115.00	\$2,558.75
Senior Assistant	37.00	\$100.00	\$3,700.00
<i>Professional Services Subtotal:</i>			<u>\$8,918.75</u>
<i>Projects and Management Actions Subtotal:</i>			<u>\$8,918.75</u>

08.05.01 - Pumping Allocation**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	19.00	\$230.00	\$4,370.00
Supervisor I	3.50	\$200.00	\$700.00
Supervisor II	5.00	\$185.00	\$925.00
Associate I	1.00	\$115.00	\$115.00
Associate III	5.00	\$105.00	\$525.00
<i>Professional Services Subtotal:</i>			<u>\$6,635.00</u>

Reimbursables

	<u>Charge</u>
Mileage	\$77.72
Reproduction	\$35.15
<i>Reimbursables Subtotal:</i>	<u>\$112.87</u>
<i>Pumping Allocation Subtotal:</i>	<u>\$6,747.87</u>

POAM No. **08.08 - Develop Draft**
107**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	16.50	\$200.00	\$3,300.00
Associate I	3.00	\$115.00	\$345.00
<i>Professional Services Subtotal:</i>			<u>\$3,645.00</u>
<i>Develop Draft Subtotal:</i>			<u>\$3,645.00</u>

POAM No. **11.03 - Stream Gages - Planning**

64	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Principal	5.50	\$230.00	\$1,265.00
	Associate I	0.25	\$115.00	\$28.75
	Associate II	38.00	\$110.00	\$4,180.00
	<i>Professional Services Subtotal:</i>			<u>\$5,473.75</u>
	Reimbursables			<u>Charge</u>
	Car Rental			\$165.16
	Commercial Travel			\$255.96
	Lodging			\$91.53
	Meals			\$58.41
	Mileage			\$33.64
	Parking			\$27.00
	Toll			\$5.00
	<i>Reimbursables Subtotal:</i>			<u>\$636.70</u>
	<i>Stream Gages - Planning Subtotal:</i>			<u>\$6,110.45</u>

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

74	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	GIS Manager	1.50	\$115.00	\$172.50
	<i>Professional Services Subtotal:</i>			<u>\$172.50</u>
	<i>Water Quality & Stable Isotope Sampling Subtotal:</i>			<u>\$172.50</u>

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

119	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Supervisor I	2.50	\$200.00	\$500.00
	Senior Assistant	3.00	\$100.00	\$300.00
	<i>Professional Services Subtotal:</i>			<u>\$800.00</u>
	<i>SDAC Projects; Water Conservation & Rebate Program Subtotal:</i>			<u>\$800.00</u>

POAM No. **13 - SDAC Projects: Water Audit, Leak Detection & Leak Rpr Program**

120	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Senior Assistant	9.00	\$100.00	\$900.00
	<i>Professional Services Subtotal:</i>			<u>\$900.00</u>
	<i>SDAC Projects: Water Audit, Leak Detection & Leak Rpr Program Subtotal:</i>			<u>\$900.00</u>

POAM No. **14 - Pumping Assessment Support**

139	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Principal	1.50	\$230.00	\$345.00
	Associate I	16.25	\$115.00	\$1,868.75
	<i>Professional Services Subtotal:</i>			<u>\$2,213.75</u>
	<i>Pumping Assessment Support Subtotal:</i>			<u>\$2,213.75</u>

15 - TSS Program

	Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
	Supervisor I	1.00	\$200.00	\$200.00
	Associate I	1.00	\$115.00	\$115.00
	Associate III	0.50	\$105.00	\$52.50
	<i>Professional Services Subtotal:</i>			<u>\$367.50</u>
	<i>TSS Program Subtotal:</i>			<u>\$367.50</u>



16 - Brackish Water Study Coordination**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.00	\$200.00	\$600.00

<i>Professional Services Subtotal:</i>			<u>\$600.00</u>
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<i>Brackish Water Study Coordination Subtotal:</i>			<u>\$600.00</u>
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17 - Navy-COSO**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	10.00	\$230.00	\$2,300.00

Associate I	4.25	\$115.00	\$488.75
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Senior Assistant	12.00	\$100.00	\$1,200.00
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<i>Professional Services Subtotal:</i>			<u>\$3,988.75</u>
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<i>Navy-COSO Subtotal:</i>			<u>\$3,988.75</u>
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<i>Water Resources Management Subtotal:</i>			<u>\$89,203.59</u>
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***** Invoice Total *******\$89,203.59**



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

Northern California • Southern California • Arizona • Colorado • Oregon

REIMBURSABLE SUMMARY

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

Invoice Number: 2652-18

Invoice Date: 03/07/19

Project #: 2652 Indian Wells Valley Groundwater Authority

Manager: Stephen Johnson
Professional Services through 1/31/2019

Water Resources Management

01 - Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev GSP

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Telephone - Conference Call	01/02/2019	1.00	\$51.86	\$51.86	
Mileage	01/03/2019	280.00	\$0.58	\$162.40	
Overnight Mail	01/07/2019	1.00	\$16.46	\$16.46	
Mileage	01/22/2019	15.00	\$0.58	\$8.70	
Reproduction	01/22/2019	1.00	\$12.10	\$12.10	
Telephone - Conference Call	01/25/2019	1.00	\$38.96	\$38.96	
Reproduction	01/31/2019	1.00	\$0.15	\$0.15	
Reproduction (Color)	01/31/2019	1.00	\$0.89	\$0.89	

Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Committees to Dev GSP Sub-Total: \$291.52

08.05.01 - Pumping Allocation

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Reproduction	01/08/2019	1.00	\$35.15	\$35.15	
Mileage	01/11/2019	134.00	\$0.58	\$77.72	

Pumping Allocation Sub-Total: \$112.87

11.03 - Stream Gages - Planning

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Commercial Travel	01/21/2019	1.00	\$255.96	\$255.96	Flight - OAK - ONT round trip
Lodging	01/21/2019	1.00	\$91.53	\$91.53	1 night lodging in Ridgecrest
Meals	01/21/2019	1.00	\$34.23	\$34.23	dinner
Car Rental	01/22/2019	1.00	\$44.80	\$44.80	Rental Car Gas
Car Rental	01/22/2019	1.00	\$4.84	\$4.84	Rental Car gas
Car Rental	01/22/2019	1.00	\$115.52	\$115.52	rental car for field visit
Meals	01/22/2019	1.00	\$16.19	\$16.19	Dinner
Meals	01/22/2019	1.00	\$7.99	\$7.99	Lunch
Mileage	01/22/2019	58.00	\$0.58	\$33.64	mileage to/from airport
Parking	01/22/2019	1.00	\$27.00	\$27.00	airport parking OAK
Toll	01/22/2019	1.00	\$5.00	\$5.00	Richmond/SR bridge toll

Stream Gages - Planning Sub-Total: \$636.70

Conference Detail

Account #: 1757778 Invoice #: 1744385406 Date: 01/31/2019

Owner: Reich, Steve

Conference	Date	Time	Attendees	Minutes	Total Charges
242389546	01/02/19	15:59 ET	4	394	\$51.86

Reserved By Steve Reich

Reservationless-Plus

Project Accounting Code: 2652

Connect	Attendee	Call Number	Type	Minutes	Charge
Global Access Toll Free / USA					
16:01 ET	eRes-Plus - 6269676203		G8/US	97	\$9.70
15:59 ET	eRes-Plus - 7028625459		G8/US	99	\$9.90
15:59 ET	eRes-Plus - 7607300701 LDR		G8/US	99	\$9.90
15:59 ET	eRes-Plus - 7756747523		G8/US	99	\$9.90
State & Local Taxes and Fees					\$12.46

Conference	Date	Time	Attendees	Minutes	Total Charges
249064624	01/25/19	15:57 ET	4	296	\$38.96

Reserved By Steve Reich

Reservationless-Plus

Project Accounting Code: 5652

Connect	Attendee	Call Number	Type	Minutes	Charge
Global Access Toll Free / USA					
15:58 ET	eRes-Plus - 7028986630		G8/US	78	\$7.80
15:57 ET	eRes-Plus - 7606089404		G8/US	79	\$7.90
16:00 ET	eRes-Plus - 7607300701 LDR		G8/US	76	\$7.60
15:58 ET	eRes-Plus - 7756747523		G8/US	63	\$6.30
State & Local Taxes and Fees					\$9.36

Ship Date: Jan 07, 2019

Cust. Ref.: 2652-001.01

Ref.#2:

Payor: Shipper

Ref.#3:

- The Earned Discount for this ship date has been calculated based on a revenue threshold of \$1591.03
- Fuel Surcharge - FedEx has applied a fuel surcharge of 5.00% to this shipment.
- Distance Based Pricing, Zone 7

Automation INET
Tracking ID 774133133798
Service Type FedEx 2Day
Package Type FedEx Box
Zone 02
Packages 1
Rated Weight 4.0 lbs, 1.8 kgs
Delivered Jan 08, 2019 10:57
Svc Area A1
Signed by N.WEEDMAN
FedEx Use 000000000/5980/

Sender
Fatima Castaneda
STETSON ENGINEERS INC.
881 S. Village Oaks Drive
COVINA CA 91724 US

Recipient
Jean Moran
Stetson Engineers Inc.
785 Grand Avenue
CARLSBAD CA 92008 US

Transportation Charge	19.85
Earned Discount	-2.18
Automation Bonus Discount	-1.99
Fuel Surcharge	0.78
Total Charge	USD \$16.46

BOOMERANG

BLUEPRINT & Reprographics, Inc

3425 Pomona Blvd Unit A, Pomona CA 91768-3258
(909) 594-BLUE (2583) ReturningChamp.com



Invoice

Date

Invoice #

1/8/2019

299963

Bill To

2099

STETSON ENGINEERS, INC.
2171 E FRANCISCO BL K
SAN RAFAEL, CA 94901

Ship To

STETSON ENGINEERS, INC.
861 VILLAGE OAKS DR STE 100
COVINA, CA 91724

P.O. No.	Ordered By	Ship Date	Time Due	Terms	
2652-001-08.05.1	KAREN BRUNELLE	1/8/2019	5 PM	Net 30	
Reference	Blanket PO	Ship Via	Work Order No.	Invoice Via	
INDIAN WELL V		BOOMERANG	63048	Del Slip/Email	
No. Origs.	Prints Each	Description	Total Ea/Sq. Ft.	Rate	Amount
7	1	6 SQ FT HI-SPEED COLOR	42	0.55	23.10T
1	1	PLOT SET-UP	1	3.50	3.50T
1	1	DELIVERY 1-WAY	1	5.50	5.50T

Subtotal \$32.10

Sales Tax (9.5%) \$3.05

Total Due \$35.15

Boomerang Blueprint - The Returning Champion!

PYRAMID TAP ROOM
OAKLAND INTL AIRPORT

Merchant ID : 187916
TERMINAL ID : 3271
Check # : 110
Table # : 217901 Loreta
Acct Num : XXXXXXXXXX2987
Expiry Date : **/**
Card Type : VISA
Trans Type : Authorize
Trans Date : 1/21/2019
Trans Time : 5:36 PM
Entry Mode : swiped
Auth Code : 05544C

Subtotal : \$ 29.23

GRATUITY:

TOTAL: 34.23

X _____
Signature
I Agree to pay total amount as
per the Card Issuer Agreement.
Merchant Copy

promo code SUBLA19 online at theftexp.com
to redeem discount.

Ticket will be discounted 15% with this coupon, regular price is
\$45 per day, good for discount on any day, full admission applies
only to Theft Expo, Los Angeles, 2019 admission. Digital tickets not
accepted, must have physical copy. Some events may require a
separate ticket. Promo code expires 1/29/19 at 5:59:59 PM PST and is only
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Subway#34551-0 Phone 760-377-4449
102 n pearson rd
Pearsonville, CA, 93527
Served by: 7 1/22/2019 12:01:40 pm
Term ID-Trans# 1/A-189412

Qty	Size	Item	Price
1	12"	Tuna Sub	7.99
Sub Total			7.99
Total (Take Out)			7.99
Cash			8.00
Change			0.01

Host Order ID: SPM20190122120139

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WAHOO'S TACO
Ontario Airport

Tbl:0 JOEL
Daniella
Ref:41236
Chk:41236
1/22/2019 7:06 pm

Wahoo Combo #6
...Chicken
14.99

SubTotal	14.99
State Tax	1.20
Total	16.19
VISA *****2987	16.19
Amount Paid	16.19

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1/22/2019 9:24:00 PM

Register: #4
Cashier: ELIZABE
Transaction/Receipt#: 489325
Ticket Number: 428450
Pin#: 3072
Frequent Parker#:
Group/Corporation:

Parking Summary

In Date/Time: 1/21/2019 4:32 PM
Out Date/Time: 1/22/2019 9:24 PM
Parking Type: Open
Rate =

GENERAL RATE

Duration: 1d4h51m
Parking Points Used = 0

Parking Amount = \$27.00

Parking Tax = \$0.00

Parking SubTotal = \$27.00

Parking Grand Total = \$27.00

Total Paid
\$27.00

Visa - 08/20 \$27.00
XXXXXXXXXXXX2987
ARNARD, JOEL
27.00 Charged to Visa

You could have earned 2 points in
our loyalty program. Please ask the cashier
how to join, or visit our website for details



Pilot #200
5725 Hwy 58
Boron CA

Invoice # 50095
Date 01/22/19
Time 17:22
Auth # 019890

VI
Acct#
#####2987

Pump Gallons Price
05 14.456 \$ 3.099

Product Amount
Unleaded \$ 44.80

Total Sale \$ 44.80

SALE - Card Swiped

Thank You For
Choosing Pilot
Please Come Again

WELCOME OUR GUEST TO
BEAUTIFUL STORE 200

WELCOME TO
MOBIL

DATE 01/22/19 18:45
TRAN# 9138336
PUMP# 13
SERVICE LEVEL: SELF
PRODUCT: Regular BL
GALLONS: 1.423
PRICE/G: \$ 3.399
FUEL SALE \$ 4.84
CREDIT \$4.84

Visa
*****2987
Entry Method: Swiped
Auth #: 04747C
Resp Code:
Stan: 08374918110
Invoice #: 19176
Store # 9765348
SITE ID: 132390
TERMINAL ID: 001

THANK YOU
FOR CHOOSING
US TODAY

THE HERTZ CORPORATION
Phone: 800-654-4173
Web: www.hertz.com



Rental Agreement No: 197187292
Date: 01/23/2019
Document: 919001979064

Direct All Inquiries To:
THE HERTZ CORPORATION
PO BOX 26120
OKLAHOMA CITY, OK 73126-0120

CHARGE DETAIL

Renter: JOEL BARNARD
Account No.: *****2987 VIS
CDP No.: 5
CDP Name: AAA OF NO CAL NEVADA & U

MR JOEL A BARNARD
27 ROOSEVELT AVENUE
SAN RAFAEL, CA 94903

RENTAL REFERENCE

Rental Agreement No: 197187292
Reservation ID: H9150737548
Frequent Traveler: ZE1

RENTAL DETAILS

Rate Plan: IN: AAD1 OUT: AAD1
Rented On: 01/21/2019 20:07 LOC# 111910
ONTARIO AP, CA
Returned On: 01/22/2019 18:48 LOC# 111910
ONTARIO AP, CA
Car Description: SIR CHER4WSUN2N 8DIY983
Veh. No.: 7717168
CAR CLASS Charged: Q4 MILEAGE In: 20,145
Rented: Q4 Out: 19,763
Reserved: Q4 Driven: 382

MISCELLANEOUS INFORMATION

CC AUTH: 08603C DATE: 2019/01/21 AMT: 116.00

RENTAL CHARGES

DAYS	1 @	59.73	59.73
SUBTOTAL			59.73
DISCOUNT		15.00%	-8.96
SUBTOTAL			50.77
DAMAGE WAIVER (CDW/LDW)			36.99
CONCESSION FEE RECOVERY			9.89
CA TOURISM FEE			1.78
LICENSE & TAX REIMBURSEMENT			1.29
CUSTOMER FACILITY CHARGE			10.00
TAX		7.75%	4.80

Gold Plus Rewards Points

Earned this rental: 110

TOTAL CHARGES 115.52 USD

E-RETURN RECEIPT

THANK YOU FOR RENTING FROM HERTZ

ALL CHARGES HAVE BEEN BILLED TO YOUR ACCOUNT.

Rental Agreement No: 197187292
Date: 01/23/2019
Document: 919001979064

Direct All Inquiries To:
THE HERTZ CORPORATION
PO BOX 26120
OKLAHOMA CITY, OK 73126-0120
UNITED STATES

Renter: JOEL BARNARD
Account No.: *****2987 VIS

Phone: 800-654-4173
Web: www.hertz.com

TOTAL CHARGES 115.52 USD



Rodeway Inn & Suites (CAF24)

1050 N Norma Street
Ridgecrest, CA 93555
(760) 446-6543
GM.CAF24@choicehotels.com

Account: 630928581

Date: 1/22/19

Room: 132 S3A

Arrival Date: 1/21/19

Departure Date: 1/22/19

Check In Time: 1/21/19 10:18 PM

Check Out Time: 1/22/19 6:44 AM

Rewards Program ID:

You were checked out by: lbrann

You were checked in by: jalexa

Total Balance Due: 0.00

Post Date	Description	Comment	Amount
1/21/19	Room Charge	#132 BARNARD, JOEL	81.00
1/21/19	State Tax		2.43
1/21/19	City / County Tax		8.10
1/22/19	Visa Payment		(91.53)
		XXXXXXXXXXXX2987	

Folio Summary 1/21/19 - 1/22/19

Room Charge	81.00
State Tax	2.43
City / County Tax	8.10
Visa Payment	(91.53)

Balance Due: 0.00



Joel Barnard

From: Southwest Airlines <SouthwestAirlines@luv.southwest.com>
Sent: Thursday, October 4, 2018 11:06 AM
To: Joel Barnard
Subject: Flight reservation (O6VFPN) | 16OCT18 | OAK-SAN | Barnard/Joel A

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AIR Confirmation: O6VFPN

Confirmation Date: 10/4/2018

Passenger(s)	Rapid Rewards #	Ticket #	Expiration	Est. Points Earned
BARNARD/JOEL A	298701480	5261495396841	Oct 4, 2019	1272

Rapid Rewards points earned are only estimates. Visit your (MySouthwest, Southwest.com or Rapid Rewards) account for the most accurate totals - including A-List & A-List Preferred bonus points.

Date	Flight	Departure/Arrival
Tue Oct 16	707	Depart OAKLAND, CA (OAK) on Southwest Airlines at 02:25 PM Arrive in SAN DIEGO, CA (SAN) at 03:50 PM Travel Time 1 hrs 25 mins Wanna Get Away
Wed Oct 17	2402	Depart SAN DIEGO, CA (SAN) on Southwest Airlines at 08:25 PM Arrive in OAKLAND, CA (OAK) at 09:50 PM Travel Time 1 hrs 25 mins Wanna Get Away



Check in for your flight(s): 24 hours before your trip on [Southwest.com](#) or your mobile device to secure your boarding position. You'll be assigned a boarding position based on your check-in time. The earlier you check in within 24 hours of your flight, the earlier you get to board.



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30 minutes before departure: We encourage you to arrive in the gate area no later than 30 minutes prior to your flight's scheduled departure as we may begin boarding as early as 30 minutes before your flight.



10 minutes before departure: You must obtain your boarding pass(es) and be in the gate area for boarding at least 10 minutes prior to your flight's scheduled departure time. If not, Southwest may cancel your reserved space and you will not be eligible for denied boarding compensation.



If you do not plan to travel on your flight: In accordance with Southwest's No Show Policy, you must notify Southwest at least 10 minutes prior to your flight's scheduled departure if you do not plan to travel on your flight. Customers who fail to cancel reservations for a Wanna Get Away fare segment at least ten (10) minutes prior to travel and who do not board the flight will be considered a no show, and all remaining unused Wanna Get Away funds will be forfeited. All remaining unused Business Select and Anytime funds will be converted to reusable travel funds. If you no show your reward travel reservation, the points will be redeposited to the purchaser's Rapid Rewards account. Any taxes and fees associated with your reward travel reservation will be held for future use in the form of reusable travel funds under the name of the traveler(s).

Need to make a change? Keep your confirmation number on record. It will be used to retrieve your reservation and apply funds to future travel.

Air Cost: 255.96

Fare Rule(s): 5261495396841: NONREFUNDABLE/NONTRANSFERABLE
STANDBY REQ UPGRADE TO Y -BG WN

Valid only on Southwest Airlines. All travel involving funds from this Confirmation Number must be completed by the expiration date. Unused travel funds may only be applied toward the purchase of future travel for the individual named on the ticket. Any changes to this itinerary may result in a fare increase. Failure to cancel reservations for a Wanna Get Away fare segment at least 10 minutes prior to travel will result in the forfeiture of all remaining unused funds.

OAK WN SAN105.84WN OAK105.84USD211.68END ZP OAK4.10SAN4.10 XF
OAK4.5SAN4.5

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Cost and Payment Summary

✈ AIR - 06VFPN

Base Fare	\$ 211.68	Payment Information
U.S. Transportation Tax	\$ 15.88	Payment Type: Visa XXXXXXXXXXXXX2987
U.S. 9/11 Security Fee	\$ 11.20	Date: Oct 4, 2018
U.S. Flight Segment Tax	\$ 8.20	Payment Amount: \$255.96
U.S. Passenger Facility Chg	\$ 9.00	
Total Air Cost	\$ 255.96	

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P.O. Box 36647-TCR
Dallas, TX 75235



STETSON
ENGINEERS INC.

LOST RECEIPT FORM

2171 E. Francisco Blvd., Suite K • San Rafael, California • 94901

TEL: (415) 457-0701 FAX: (415) 457-1638 e-mail: steve@stetsonengineers.com

Job Number: 2652-11.03

Expense Date: 1/22/19

Expense Type: Toll

Amount: \$ 6.00

Name of Employee: Joel Bernard

Joel Bernard
Signature

LOST RECEIPT FORM

2171 E. Francisco Blvd., Suite K • San Rafael, California • 94901
TEL: (415) 457-0701 FAX: (415) 457-1638 e-mail: sr@stetsonengineers.com

Name of Employee:	Tara O'Reilly		
Job Number:	2652-001.01	Expense Date:	1/22/2019
Expense Amount:	\$12.10	Expense Type:	Staples/Reproduction

Tara O'Reilly

Signature





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

Northern California • Southern California • Arizona • Colorado • Oregon

Invoice

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

Invoice Number: 2652-19

Invoice Date: 04/02/19

Project #: 2652 Indian Wells Valley Groundwater Authority

Professional Services through 2/28/2019

Water Resources Management

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	30.00	\$230.00	\$6,900.00
Supervisor I	59.00	\$200.00	\$11,800.00
Senior II	4.50	\$145.00	\$652.50
Associate I	33.75	\$115.00	\$3,881.25
Associate III	5.25	\$105.00	\$551.25
<i>Professional Services Subtotal:</i>			<u>\$23,785.00</u>

Reimbursables	Charge
Car Rental	\$124.10
Commercial Travel	\$57.84
Lodging	\$248.46
Meals	\$22.20
Mileage	\$324.80
Overnight Mail	\$23.91
Reimbursables Subtotal:	<u>\$801.31</u>

'OAM No. 134 Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Com \$24,586.31

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	4.75	\$115.00	\$546.25
Administrative II	1.00	\$65.00	\$65.00
<i>Professional Services Subtotal:</i>			<u>\$611.25</u>

POAM No. 15,16 Prop 1 Grant Administration Subtotal: \$611.25

03 - POAM No. 31,38 Review of Basin GW Model - GSP Compliance/Prep HCM

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.50	\$200.00	\$700.00
<i>Professional Services Subtotal:</i>			<u>\$700.00</u>

POAM No. 31,38 Review of Basin GW Model - GSP Compliance/Prep HCM Subtotal: \$700.00

04.02 - POAM No. 20 Data Management System

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	8.25	\$115.00	\$948.75
Assistant III	6.00	\$85.00	\$510.00
<i>Professional Services Subtotal:</i>			<u>\$1,458.75</u>

POAM No. 20 Data Management System Subtotal: \$1,458.75

**05 - POAM No. 126 Project Management Costs & Schedule**

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.50	\$230.00	\$345.00
Associate I	21.00	\$115.00	\$2,415.00
<i>Professional Services Subtotal:</i>			<u>\$2,760.00</u>
<i>POAM No. 126 Project Management Costs & Schedule Subtotal:</i>			<u>\$2,760.00</u>

05A - POAM No. 125 POAM

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	6.50	\$115.00	\$747.50
Administrative II	1.00	\$65.00	\$65.00
<i>Professional Services Subtotal:</i>			<u>\$812.50</u>
<i>POAM No. 125 POAM Subtotal:</i>			<u>\$812.50</u>

06 - POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compli:

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	18.50	\$200.00	\$3,700.00
Associate I	3.00	\$115.00	\$345.00
GIS Manager	2.75	\$115.00	\$316.25
<i>Professional Services Subtotal:</i>			<u>\$4,361.25</u>

Reimbursables	Charge
Telephone - Conference Call	\$218.97
Reimbursables Subtotal:	\$218.97

POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Complia \$4,580.22

07 - POAM No. 82 IWVGW Basin Opptys & Constraints for Alt Imported Water Suppli

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.50	\$200.00	\$700.00
Associate III	7.25	\$105.00	\$761.25
<i>Professional Services Subtotal:</i>			<u>\$1,461.25</u>

POAM No. 82 IWVGW Basin Opptys & Constraints for Alt Imported Water Supplies \$1,461.25

07.01 - Imported Water RFP

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	24.00	\$230.00	\$5,520.00
Supervisor I	11.00	\$200.00	\$2,200.00
Senior II	4.00	\$145.00	\$580.00
Associate I	1.50	\$115.00	\$172.50
<i>Professional Services Subtotal:</i>			<u>\$8,472.50</u>
<i>Imported Water RFP Subtotal:</i>			<u>\$8,472.50</u>

08.03 - POAM No. 99 Plan Area and Basin Setting

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	11.00	\$200.00	\$2,200.00
Associate III	7.00	\$105.00	\$735.00
<i>Professional Services Subtotal:</i>			<u>\$2,935.00</u>

POAM No. 99 Plan Area and Basin Setting Subtotal: \$2,935.00

08.04 - POAM No. 101 Sustainable Management Criteria

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	8.50	\$200.00	\$1,700.00
Associate I	6.00	\$115.00	\$690.00

**08.04 - POAM No. 101 Sustainable Management Criteria**

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate III	2.75	\$105.00	\$288.75
Senior Assistant	13.50	\$100.00	\$1,350.00
<i>Professional Services Subtotal:</i>			<u>\$4,028.75</u>
<i>POAM No. 101 Sustainable Management Criteria Subtotal:</i>			<u>\$4,028.75</u>

08.05 - POAM No. 100 Projects and Management Actions

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.50	\$230.00	\$575.00
Supervisor I	24.00	\$200.00	\$4,800.00
Associate I	22.00	\$115.00	\$2,530.00
Senior Assistant	48.00	\$100.00	\$4,800.00
<i>Professional Services Subtotal:</i>			<u>\$12,705.00</u>
<i>POAM No. 100 Projects and Management Actions Subtotal:</i>			<u>\$12,705.00</u>

08.05.01 - Pumping Allocation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	28.00	\$230.00	\$6,440.00
Supervisor I	17.50	\$200.00	\$3,500.00
Associate I	2.50	\$115.00	\$287.50
Associate III	0.50	\$105.00	\$52.50
Senior Assistant	12.00	\$100.00	\$1,200.00
<i>Professional Services Subtotal:</i>			<u>\$11,480.00</u>
Reimbursables			<u>Charge</u>
Mileage			\$135.72
<i>Reimbursables Subtotal:</i>			<u>\$135.72</u>
<i>Pumping Allocation Subtotal:</i>			<u>\$11,615.72</u>

08.08 - POAM No. 107 Develop Draft

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	10.75	\$115.00	\$1,236.25
<i>Professional Services Subtotal:</i>			<u>\$1,236.25</u>
<i>POAM No. 107 Develop Draft Subtotal:</i>			<u>\$1,236.25</u>

11.01 - POAM No. 56 Monitoring Wells - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	2.00	\$200.00	\$400.00
Associate II	10.00	\$110.00	\$1,100.00
Assistant III	1.25	\$85.00	\$106.25
<i>Professional Services Subtotal:</i>			<u>\$1,606.25</u>
Reimbursables			<u>Charge</u>
Mileage			\$46.40
<i>Reimbursables Subtotal:</i>			<u>\$46.40</u>
<i>POAM No. 56 Monitoring Wells - Planning Subtotal:</i>			<u>\$1,652.65</u>

11.03 - POAM No. 64 Stream Gages - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	5.00	\$230.00	\$1,150.00
Associate II	13.00	\$110.00	\$1,430.00
<i>Professional Services Subtotal:</i>			<u>\$2,580.00</u>



<i>POAM No. 64 Stream Gages - Planning Subtotal:</i>			<u>\$2,580.00</u>
<u>11.06 - POAM No. 74 Water Quality & Stable Isotope Sampling</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	2.00	\$200.00	\$400.00
Associate II	23.00	\$110.00	\$2,530.00
<i>Professional Services Subtotal:</i>			<u>\$2,930.00</u>
<i>POAM No. 74 Water Quality & Stable Isotope Sampling Subtotal:</i>			<u>\$2,930.00</u>
<u>12 - POAM No. 119 SDAC Projects; Water Conservation & Rebate Program</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
Senior Assistant	4.50	\$100.00	\$450.00
<i>Professional Services Subtotal:</i>			<u>\$650.00</u>
<i>POAM No. 119 SDAC Projects; Water Conservation & Rebate Program Subtotal:</i>			<u>\$650.00</u>
<u>13 - POAM No. 120 SDAC Projects: Water Audit, Leak Detection & Leak Rpr Program</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Senior Assistant	7.50	\$100.00	\$750.00
<i>Professional Services Subtotal:</i>			<u>\$750.00</u>
<i>POAM No. 120 SDAC Projects: Water Audit, Leak Detection & Leak Rpr Program S</i>			<u>\$750.00</u>
<u>14 - POAM No. 139 Pumping Assessment Support</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	17.25	\$115.00	\$1,983.75
Associate III	1.50	\$105.00	\$157.50
<i>Professional Services Subtotal:</i>			<u>\$2,141.25</u>
<i>POAM No. 139 Pumping Assessment Support Subtotal:</i>			<u>\$2,141.25</u>
<u>15 - TSS Program</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	8.00	\$200.00	\$1,600.00
<i>Professional Services Subtotal:</i>			<u>\$1,600.00</u>
<i>TSS Program Subtotal:</i>			<u>\$1,600.00</u>
<u>16 - Brackish Water Study Coordination</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.50	\$230.00	\$575.00
Supervisor I	8.50	\$200.00	\$1,700.00
<i>Professional Services Subtotal:</i>			<u>\$2,275.00</u>
<i>Brackish Water Study Coordination Subtotal:</i>			<u>\$2,275.00</u>
<i>Water Resources Management Subtotal:</i>			<u>\$92,542.40</u>

***** Invoice Total *******\$92,542.40**



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

Northern California • Southern California • Arizona • Colorado • Oregon

REIMBURSABLE SUMMARY

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

Invoice Number: 2652-19

Invoice Date: 04/02/19

Project #: 2652 Indian Wells Valley Groundwater Authority

Manager: Stephen Johnson
Professional Services through 2/28/2019

Water Resources Management

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

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Car Rental	02/07/2019	1.00	\$92.35	\$92.35	
Car Rental	02/07/2019	1.00	\$25.32	\$25.32	
Lodging	02/07/2019	1.00	\$107.35	\$107.35	
Meals	02/07/2019	1.00	\$12.00	\$12.00	
Meals	02/07/2019	1.00	\$6.92	\$6.92	
Mileage	02/07/2019	280.00	\$0.58	\$162.40	
Car Rental	02/08/2019	1.00	\$6.43	\$6.43	
Commercial Travel	02/08/2019	1.00	\$27.34	\$27.34	
Overnight Mail	02/11/2019	1.00	\$23.91	\$23.91	
Commercial Travel	02/21/2019	1.00	\$30.50	\$30.50	
Lodging	02/21/2019	1.00	\$141.11	\$141.11	
Meals	02/21/2019	1.00	\$3.28	\$3.28	
Mileage	02/21/2019	280.00	\$0.58	\$162.40	

POAM No. 134 Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Committees \$801.31

06 - POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compliance)/Numerical GW Model

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Telephone - Conference Call	02/04/2019	1.00	\$25.96	\$25.96	
Telephone - Conference Call	02/05/2019	1.00	\$127.58	\$127.58	
Telephone - Conference Call	02/13/2019	1.00	\$25.39	\$25.39	
Telephone - Conference Call	02/26/2019	1.00	\$40.04	\$40.04	

POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compliance) \$218.97

08.05.01 - Pumping Allocation

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Mileage	02/15/2019	100.00	\$0.58	\$58.00	
Mileage	02/15/2019	134.00	\$0.58	\$77.72	

Pumping Allocation Sub-Total: \$135.72

11.01 - POAM No. 56 Monitoring Wells - Planning

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Mileage	02/08/2019	80.00	\$0.58	\$46.40	

POAM No. 56 Monitoring Wells - Planning Sub-Total: \$46.40

WELCOME TO
MOBIL

DATE: 02/07/19 19:36
TRAN# 9087811
PUMP# 08
SERVICE LEVEL: SELF
PRODUCT: Regular B1
GALLONS: 3.19
PRICE/G: \$ 1.459
FUEL SALE \$ 5.32
CREDIT \$ 5.32

Visa #2532
*****491!
Entry Method: Swiped
Auth #: 093412
Resp Code:
Stan: 08545002615
Invoice #: 86220
Store #: 0765348
SITE ID: 132390
TERMINAL ID: 001

THANK YOU
FOR CHOOSING
US TODAY

Kristy's Family Restaurant

430 S. China Lake Blvd.
Ridgecrest, California 93556
(760) 375-9132

Server: Gina Station: 3

Order #: 108031 Dine In
Table: 10 Guests: 1

1 iced tea	2.00
1 lemonade	2.69
1 1/2 sand. combo	6.99
tuna	
wheat	
1 1/2 sand. combo	6.99
tuna	
wheat	
1 1/2 sand. combo	6.99
beef	
wheat	

SUB TOTAL: 26.35
Tax 1: 2.17

AMOUNT DUE: \$28.52

Gratuity:

Total:

>> Ticket #: 85 <<

2/7/2019 12:12:43 PM

THANK YOU!

**Quality Inn (CA022)**

507 S. China Lake Blvd.
Ridgecrest, CA 93555
(760) 375-9732
GM.CA022@choicehotels.com

Account: 633888671

Date: 2/7/19

Room: 128 BAR

Arrival Date: 2/6/19

Departure Date: 2/7/19

Check In Time: 2/6/19 9:52 PM

Check Out Time: 2/7/19 7:14 AM

Rewards Program ID: GP-JMM7186

You were checked out by: dkoon

You were checked in by: Kvarga

Total Balance Due: \$0.00

MORAN, JEAN

PO BOX 881

PO BOX 881

SAUSALITO, CA 94965

Post Date	Description	Comment	Amount
2/6/19	Room Charge	#128 MORAN, JEAN	\$95.00
2/6/19	Occupancy Tax		\$9.50
2/6/19	RTID Assessment		\$2.85
2/7/19	Visa Payment	XXXXXXXXXXXX4915	(\$107.35)

Folio Summary 2/6/19 - 2/7/19

Room Charge	\$95.00
Occupancy Tax	\$9.50
RTID Assessment	\$2.85
Visa Payment	(\$107.35)

Balance Due: \$0.00

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

x



Congratulations. You are earning Choice Privileges Points for this stay.



We are proud to feature a 100% smoke-free fleet!

RENTAL AGREEMENT NUMBER: 214913053

RECEIPT

Your Information

Customer Name: JEAN MORAN
RapidRez Number: ***48R
Budget Customer Discount: AUTO ASSOCIATION
Customer Status: FASTBREAK
Method of Payment: VISA XX4915

Your Vehicle Information

Vehicle Number: 85246313
Vehicle Group Rented: C
Vehicle Group Charged: A
Vehicle Description: BLK TOYOTA COROLLA 4
DR
License Plate Number: CABDYP558
Odometer Out: 17918
Odometer In: 18170
Total Driven: 252
Fuel Reading: Out 8/8 In 8/8

Your Rental

Pickup Date/Time: FEB 06 2019 @ 8:15PM
Pickup Location: 3450 EAST AIRPORT DRIVE #200
ONTARIO INTERNATIONAL AIRPORT
ONTARIO, CA 91761, US
909-937-6400

Return Date/Time: FEB 07 2019 @ 7:53PM
Return Location: 3450 EAST AIRPORT DRIVE #200
ONTARIO INTERNATIONAL AIRPORT
ONTARIO, CA 91761, US
909-937-6400

Additional fees may apply
if changes are made
to your return date, time
and/or location.

Your Vehicle Charges (MIN 1 DAY)

Rate Chart:	Free Miles:	Time and Mileage:
Miles: UNLIMITED		Your Discount:
Hourly: 49.51		1 Ad'l Day @ 66.00 = 66.00
Daily: 66.00		Less 5.00% Discount = .00
Ad'l day: 0.00		
Weekly:		Time and Mileage: 66.00
Monthly: .00		

Your Optional Products/Services

Optional Services Total: 0.00

Your Taxable Fees

10.80% Concession Recovery Fee	7.24
VEH LICENSE RECOUP FEE	1.04
Sub-total-Charges:	74.28
TAX 7.750%	5.76

Your Non-Taxable Products/Services

CUSTOMER FACILITY CHG 10.00/R	10.00
3.50 CALIFORNIA TOURISM FE	2.31

Your Total Charges paid:	92.35
Prepayment	0.00

Net Charges:	USD 92.35
Your Total Due:	0.00

Thank you for renting with Budget.
For all other inquiries, please contact us at 1-800-527-0700, or www.budget.com.

Your vehicle was rented to you by ALFREDO. Your vehicle was checked in by YASMIN.

Jean Moran

Subject: FW: Amtrak: eTicket and Receipt for Your 02/08/2019 Trip - JEAN MORAN
Attachments: Moran Jean 201902081540580685.pdf



SALES RECEIPT

Purchased: 02/08/2019 12:40 PM PTThank you for your purchase

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

Merchant ID 007261 Massachusetts Ave NWWashington, DC 20001800-USA-
RAILAmtrak.com

Reservation Number - 3C1791**FULLERTON, CA - OLD TOWN SN DIE, CA (One-Way)****FEBRUARY 8, 2019**
Billing Information

JEAN MORAN3020 BRIDGEWAYSALITO, CA 94965

Visa ending in 4915 (Purchase)Authorization Code 024010

Total \$27

Purchase Summary - Ticket Number 0390726125896

Train 774: FULLERTON, CA - SAN DIEGO (OLD TOWN), CADepart 1:04 PM,
Friday, February 8, 2019
1 UNRESERVED COACH SEAT

\$27.34

Ticket Terms & ConditionsNO TVL 19-21APR19,24-27MAY19,30AUG19-02SEP19,26-
28NOV19,30NOV19-2DEC19,23- SENIOR CITIZEN 65 YRS OR OLDER - ID REQUIRED

Subtotal

\$27.34

Total Charged by Amtrak

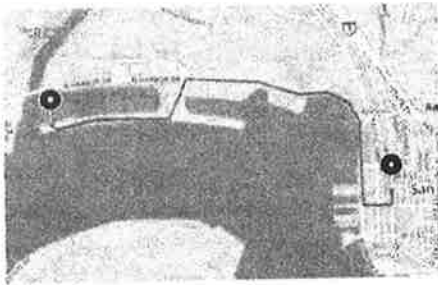
\$27.34



Feb 08, 2019, 3:41 PM

\$6.43

Thanks for riding with Kleu



- **Pickup** 3:41 PM
1163 Kettner Blvd, San Diego
- **Dropoff** 3:54 PM
Harbor Island Dr, San Diego

Lyft fare (3.55mi, 12m 34s)	\$9.43
Tip	\$2.00
Total	\$11.43
Lyft Credit	-\$5.00



PayPal

\$6.43

Store# 1101044
Carl's Jr #1101044
230 S. China Lake Blvd.
Ridgecrest, CA 93555
(760) 375-8280

Order 553910

Cashier Geronimo

1 Santa Fe

	6.39
SubTotal	6.39
Tax	0.53
Total	6.92
Visa	6.92
Card # XXXXXXXX4061	

Table Tent # 27

DINE IN

We Appreciate Your Business!

2/7/2019

12:20:59 PM

* Customer Copy *

Ship Date: Feb 11, 2019

Cust. Ref.: 2652

Ref.#2:

Payor: Shipper

Ref.#3:

- Fuel Surcharge - FedEx has applied a fuel surcharge of 6.25% to this shipment.
- Distance Based Pricing, Zone 2
- Package sent from: 92010 zip code

Automation AWB
Tracking ID 812408775781
Service Type FedEx Standard Overnight
Package Type FedEx Envelope
Zone 02
Packages 1
Rated Weight N/A
Delivered Feb 12, 2019 14:59
Svc Area A1
Signed by K.BRUNELL
FedEx Use 004276098/200/_

Sender
STETSON ENGINEERS INC
2171 FRANCISCO BLVD E STE K
SAN RAFAEL CA 94901-5536 US

Recipient
TOM MA
STETSON ENGINEERS INC
861 VILLAGE OAKS DR
COVINA CA 91724 US

Transportation Charge	23.94
Discount	-1.44
Fuel Surcharge	1.41
Total Charge	USD \$23.91

2652 Reference Subtotal USD \$23.91

1045-01-00-0046181-0003-01

Store# 1101044
Carl's Jr #1101044
230 S. China Lake Blvd.
Ridgecrest, CA 93555
(760) 375-8280

Order 555436

Cashier Efran

1 SEC Bis 3.79
Employee Disc 20%-CPN - 0.76

SubTotal 3.03
Tax 0.25
Total 3.28
Cash 20.00
Change 16.72

Table Tent # 35

DINE IN

We Appreciate Your Business!

2/21/2019 8:26:12 AM
* Customer Copy *

San Dimas Inn & Suites

501 W Bonita Ave
SAN DIMAS, CA 91773

(909) 592-0500



C/O 02/21/2019 05:34 AM mindy

Best Western® San Dimas Hotel & Suites

Registered To:

Moran, Jean
3020 Bridgeway 405
Sausalito, CA 94965

(415) 272-7186

Room # 231-A
Conf # 615703979-01
Arrival 02/20/19
Departure 02/21/19
Room Type NSQ-NONSMOKING QUEI
Guests 1 / 0
Payment Visa/Master
Acct XXXX-XXXX-XXXX-4915

Posting Date	Oper	AcctCode	Description	From	Reference	Amount
02/20/19	mindy	RC	ROOM CHRG REVENUE			\$125.99
02/20/19	mindy	9	CITY TAX			\$15.12
02/21/19	mindy	VS	PAYMENT VISA/MC		4915 - 052157	\$141.11-
Balance Due						\$0.00

THE UNDERSIGNED GUEST AGREES TO PAY THE AMOUNT INDICATED ON THE BALANCE DUE PORTION OF THIS INVOICE. IF THE CHARGES ARE TO BE BILLED TO A THIRD PARTY, THE UNDERSIGNED AGREES TO BE PERSONALLY LIABLE FOR PAYMENT OF THE CHARGES IN THE EVENT THAT THE INDICATED THIRD PARTY, PERSON, COMPANY OR ASSOCIATION FAILS TO PAY FOR ANY PART OR THE FULL AMOUNT OF SUCH CHARGES.

Pets with exception to ADA certified service animal, are not permitted and violations are subject to a fee of \$250.00_____.

Smoking in the room results in a fee of \$250.00_____.

X_____

GUEST SIGNATURE

Signature

Each Best Western® branded hotel is independently owned and operated

Reservation Number - 482FD5FULLERTON, CA - SAN DIEGO, CA

(One-Way)FEBRUARY 21, 2019

Billing Information

JEAN MORAN

Visa ending in 4915 (Purchase)Authorization Code 000408

Total \$30

Purchase Summary - Ticket Number 0522646137599

Train 590: FULLERTON, CA - SAN DIEGO (DOWNTOWN), CADepart 7:52 PM, Thursday, February 21, 2019

1 UNRESERVED COACH SEAT

\$30.50

Ticket Terms & ConditionsNO TVL 19-21APR19,24-27MAY19,30AUG19-02SEP19,26-28NOV19,30NOV19-2DEC19,23-

Subtotal

\$30.50

Total Charged by Amtrak

\$30.50

Passengers

Jean Moran

Important Information

Project Accounting Summary

Account #: 1757778 Invoice #: 1744425983 Date: 02/28/2019

PAC:

per Jean M.

Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve 2652-001806	254370539	02/13/19	10	\$25.39
Total Conferences:	1		10	\$25.39

PAC: 2852

Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	258111778	02/26/19	304	\$40.04
Reich, Steve	252031385	02/05/19	989	\$127.58
Reich, Steve	251600715	02/04/19	184	\$25.96
Total Conferences:	3		1457	\$193.58



Invoice

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

Invoice Number: 2652-20

Invoice Date: 05/03/19

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

Professional Services through 3/31/2019

Water Resources Management

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	35.50	\$230.00	\$8,165.00
Supervisor I	51.50	\$200.00	\$10,300.00
Associate I	23.00	\$115.00	\$2,645.00
Associate III	2.50	\$105.00	\$262.50
Senior Assistant	9.50	\$100.00	\$950.00
<i>Professional Services Subtotal:</i>			<u>\$22,322.50</u>

Reimbursables	Charge
Reproduction (Color)	\$131.72
Car Rental	\$158.16
Lodging	\$379.13
Meals	\$25.02
Mileage	\$488.36
Reproduction	\$44.40
Telephone - Conference Call	\$89.36
Reimbursables Subtotal:	<u>\$1,316.15</u>

'OAM No. 134 Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Com \$23,638.65

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	10.50	\$115.00	\$1,207.50
Administrative II	0.50	\$65.00	\$32.50
<i>Professional Services Subtotal:</i>			<u>\$1,240.00</u>

POAM No. 15,16 Prop 1 Grant Administration Subtotal: \$1,240.00

04.02 - POAM No. 20 Data Management System

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	18.25	\$115.00	\$2,098.75
Assistant III	8.75	\$85.00	\$743.75
Administrative II	5.00	\$65.00	\$325.00
<i>Professional Services Subtotal:</i>			<u>\$3,167.50</u>

POAM No. 20 Data Management System Subtotal: \$3,167.50

05 - POAM No. 126 Project Management Costs & Schedule

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$230.00	\$460.00
Associate I	14.00	\$115.00	\$1,610.00

**05 - POAM No. 126 Project Management Costs & Schedule**

Professional Services Subtotal: \$2,070.00

POAM No. 126 Project Management Costs & Schedule Subtotal: \$2,070.00

05A - POAM No. 125 POAM

Professional Services	Bill Hours	Bill Rate	Charge
Associate I	3.50	\$115.00	\$402.50
Administrative II	2.00	\$65.00	\$130.00
Professional Services Subtotal:			<u>\$532.50</u>
POAM No. 125 POAM Subtotal:			<u>\$532.50</u>

06 - POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compli

Professional Services	Bill Hours	Bill Rate	Charge
Supervisor I	34.00	\$200.00	\$6,800.00
Associate I	5.50	\$115.00	\$632.50
GIS Manager	7.75	\$115.00	\$891.25
Associate III	0.25	\$105.00	\$26.25
Assistant III	13.75	\$85.00	\$1,168.75
Professional Services Subtotal:			<u>\$9,518.75</u>
POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compli			<u>\$9,518.75</u>

07.01 - Imported Water RFP

Professional Services	Bill Hours	Bill Rate	Charge
Principal	18.00	\$230.00	\$4,140.00
Supervisor I	2.50	\$200.00	\$500.00
Associate I	0.50	\$115.00	\$57.50
Professional Services Subtotal:			<u>\$4,697.50</u>
Imported Water RFP Subtotal:			<u>\$4,697.50</u>

08.02 - POAM No. 98 Introduction

Professional Services	Bill Hours	Bill Rate	Charge
Associate I	1.00	\$115.00	\$115.00
Professional Services Subtotal:			<u>\$115.00</u>
POAM No. 98 Introduction Subtotal:			<u>\$115.00</u>

08.04 - POAM No. 101 Sustainable Management Criteria

Professional Services	Bill Hours	Bill Rate	Charge
Principal	1.50	\$230.00	\$345.00
Supervisor I	14.00	\$200.00	\$2,800.00
Senior I	17.25	\$160.00	\$2,760.00
Associate I	42.50	\$115.00	\$4,887.50
Senior Assistant	12.00	\$100.00	\$1,200.00
Assistant III	2.00	\$85.00	\$170.00
Professional Services Subtotal:			<u>\$12,162.50</u>
POAM No. 101 Sustainable Management Criteria Subtotal:			<u>\$12,162.50</u>

08.05 - POAM No. 100 Projects and Management Actions

Professional Services	Bill Hours	Bill Rate	Charge
Supervisor I	3.50	\$200.00	\$700.00
Senior Assistant	11.00	\$100.00	\$1,100.00
Professional Services Subtotal:			<u>\$1,800.00</u>



POAM No. 100 Projects and Management Actions Subtotal: \$1,800.00

08.05.01 - Pumping Allocation**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	42.00	\$230.00	\$9,660.00
Supervisor I	32.50	\$200.00	\$6,500.00
Associate I	29.25	\$115.00	\$3,363.75
Associate II	2.50	\$110.00	\$275.00
Associate III	3.00	\$105.00	\$315.00
Senior Assistant	31.00	\$100.00	\$3,100.00

Professional Services Subtotal: \$23,213.75

Reimbursables

	<u>Charge</u>
Meals	\$2.29
Mileage	\$135.72

Reimbursables Subtotal: \$138.01

Pumping Allocation Subtotal: \$23,351.76

08.06 - POAM No. 102 Plan Implementation**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	0.75	\$115.00	\$86.25

Professional Services Subtotal: \$86.25

POAM No. 102 Plan Implementation Subtotal: \$86.25

08.08 - POAM No. 107 Develop Draft**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	1.50	\$115.00	\$172.50

Professional Services Subtotal: \$172.50

POAM No. 107 Develop Draft Subtotal: \$172.50

11.01 - POAM No. 56 Monitoring Wells - Planning**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	5.00	\$200.00	\$1,000.00
Associate II	1.00	\$110.00	\$110.00

Professional Services Subtotal: \$1,110.00

POAM No. 56 Monitoring Wells - Planning Subtotal: \$1,110.00

11.02 - POAM No. 56 Monitoring Wells - Implementation**Reimbursables**

	<u>Charge</u>
Equipment Purchase	\$1,492.79

Reimbursables Subtotal: \$1,492.79

POAM No. 56 Monitoring Wells - Implementation Subtotal: \$1,492.79

11.03 - POAM No. 64 Stream Gages - Planning**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	5.00	\$230.00	\$1,150.00
Supervisor I	1.00	\$200.00	\$200.00
Senior II	4.00	\$145.00	\$580.00
GIS Manager	2.25	\$115.00	\$258.75
Associate II	16.50	\$110.00	\$1,815.00
Senior Assistant	14.50	\$100.00	\$1,450.00
GIS Specialist I	2.25	\$95.00	\$213.75

Professional Services Subtotal: \$5,667.50



POAM No. 64 Stream Gages - Planning Subtotal: \$5,667.50

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	4.00	\$200.00	\$800.00
GIS Manager	2.50	\$115.00	\$287.50
Associate II	11.00	\$110.00	\$1,210.00
Assistant III	16.25	\$85.00	\$1,381.25

Professional Services Subtotal: \$3,678.75

POAM No. 74 Water Quality & Stable Isotope Sampling Subtotal: \$3,678.75

11.07 - POAM No. 69 Weather Stations - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.00	\$230.00	\$230.00
Associate II	10.00	\$110.00	\$1,100.00

Professional Services Subtotal: \$1,330.00

POAM No. 69 Weather Stations - Planning Subtotal: \$1,330.00

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Senior Assistant	0.25	\$100.00	\$25.00

Professional Services Subtotal: \$25.00

POAM No. 119 SDAC Projects; Water Conservation & Rebate Program Subtotal: \$25.00

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Senior Assistant	0.25	\$100.00	\$25.00

Professional Services Subtotal: \$25.00

POAM No. 120 SDAC Projects: Water Audit, Leak Detection & Leak Rpr Program S \$25.00

14 - POAM No. 139 Pumping Assessment Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	16.00	\$115.00	\$1,840.00
Associate III	2.50	\$105.00	\$262.50

Professional Services Subtotal: \$2,102.50

POAM No. 139 Pumping Assessment Support Subtotal: \$2,102.50

15 - TSS Program

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	9.00	\$200.00	\$1,800.00
Associate I	3.00	\$115.00	\$345.00
Associate II	7.00	\$110.00	\$770.00

Professional Services Subtotal: \$2,915.00

TSS Program Subtotal: \$2,915.00

16 - Brackish Water Study Coordination

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	4.50	\$200.00	\$900.00

Professional Services Subtotal: \$900.00

Brackish Water Study Coordination Subtotal: \$900.00

***Water Resources Management Subtotal:* \$101,799.45**



Project #: 2652

Invoice No: 2652-20

May 03, 2019

Page 5

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

\$101,799.45



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

Northern California • Southern California • Arizona • Colorado • Oregon

REIMBURSABLE SUMMARY

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

Invoice Number: 2652-20

Invoice Date: 05/03/19

Project #: 2652 Indian Wells Valley Groundwater Authority

Manager: Stephen Johnson
Professional Services through 3/31/2019

Water Resources Management

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

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Car Rental	03/06/2019	1.00	\$32.96	\$32.96	
Lodging	03/07/2019	1.00	\$165.59	\$165.59	
Meals	03/07/2019	1.00	\$13.00	\$13.00	
Meals	03/07/2019	1.00	\$12.02	\$12.02	
Mileage	03/07/2019	280.00	\$0.58	\$162.40	
Mileage	03/07/2019	282.00	\$0.58	\$163.56	
Car Rental	03/08/2019	1.00	\$31.94	\$31.94	
Lodging	03/08/2019	1.00	\$213.54	\$213.54	
Car Rental	03/09/2019	1.00	\$93.26	\$93.26	
Telephone - Conference Call	03/14/2019	1.00	\$34.42	\$34.42	
Telephone - Conference Call	03/20/2019	1.00	\$54.94	\$54.94	
Mileage	03/21/2019	280.00	\$0.58	\$162.40	
Reproduction	03/31/2019	296.00	\$0.15	\$44.40	
Reproduction (Color)	03/31/2019	4.00	\$0.89	\$3.56	
Reproduction (Color)	03/31/2019	8.00	\$0.89	\$7.12	
Reproduction (Color)	03/31/2019	136.00	\$0.89	\$121.04	

POAM No. 134 Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Committees \$1,316.15

08.05.01 - Pumping Allocation

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Mileage	03/08/2019	134.00	\$0.58	\$77.72	
Meals	03/29/2019	1.00	\$2.29	\$2.29	
Mileage	03/29/2019	100.00	\$0.58	\$58.00	

Pumping Allocation Sub-Total: \$138.01

11.02 - POAM No. 56 Monitoring Wells - Implementation

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Equipment Purchase	03/25/2019	1.00	\$1,492.79	\$1,492.79	

POAM No. 56 Monitoring Wells - Planning Sub-Total: \$1,492.79

Conference Detail

Account #: 1757778 Invoice #: 1744434126 Date: 03/31/2019

Owner: Castaneda, Fatima

Conference	Date	Time	Attendees	Minutes	Total Charges
262726875	03/14/19	10:55 ET	3	228	\$34.42

Reserved By Fatima Castaneda

Reservationless-Plus

Project Accounting Code: 2652

Connect	Attendee	Call Number	Type	Minutes	Charge
Global Access Toll Free / USA					
11:00 ET	eRes-Plus - 6269676202 LDR		G8/US	74	\$8.51
10:59 ET	eRes-Plus - 7028625459		G8/US	75	\$8.63
10:55 ET	eRes-Plus - 7607300701		G8/US	79	\$9.09
State & Local Taxes and Fees					\$8.19

Conference	Date	Time	Attendees	Minutes	Total Charges
264480997	03/20/19	17:59 ET	6	364	\$54.94

Reserved By Fatima Castaneda

Reservationless-Plus

Project Accounting Code: 2652

Connect	Attendee	Call Number	Type	Minutes	Charge
Global Access Toll Free / USA					
17:59 ET	eRes-Plus - 5304199484		G8/US	62	\$7.13
18:02 ET	eRes-Plus - 6269676202 LDR		G8/US	59	\$6.79
18:00 ET	eRes-Plus - 7606089404		G8/US	61	\$7.02
17:59 ET	eRes-Plus - 7609392167		G8/US	62	\$7.13
18:01 ET	eRes-Plus - 7609394404		G8/US	60	\$6.90
18:01 ET	eRes-Plus - 9168335800		G8/US	60	\$6.90
State & Local Taxes and Fees					\$13.07

Joel Barnard

From: Forestry Suppliers <sales@forestry-suppliers.com>
Sent: Monday, March 25, 2019 12:16 PM
To: Joel Barnard
Subject: Your Order from Forestry Suppliers has Shipped



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SHIPPING NOTICE

Your Order Has Shipped!

If you have any questions about this order, please contact Customer Service at 800-752-8460 or cs@forestry-suppliers.com.

You can [track your order](#) online as it reaches your destination. Please note that it may take up to 24 hours for your tracking number to return any information.

Web Order #: 120032
Invoice #: 498379-00
Customer #: 1081972
Purchase Order #: 2652
Payment Method: VISA
Ship Date: March 25, 2019
Ship Method: PRIORITY MAIL
9405510200864467115792

Shipped To:
STETSON ENGINEERS INC
JEAN MORAN
785 GRAND AVE STE 202
CARLSBAD CA 92008-2370

Items Shipped

Qty	Item #	Description	Price	Ext. Price
2	90729	Solinst Levellogger Edge, 100'	\$581.00	\$1,162.00
1	90730	Solinst Barologger Edge	\$304.00	\$304.00
			Merchandise:	\$1,466.00
			Shipping:	\$26.79
			Total:	\$1,492.79

Thank you for choosing Forestry Suppliers as your source for outdoor professional tools and supplies.

If any items were not included in this shipment, they are on backorder and will be shipped as soon as possible. You will receive a separate notification for any remaining shipments needed to complete your order.



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Panera Bread
Cafe 4239
Westlake Village, CA 91362
Phone: (818) 991-3100

Accuracy Matters,
Your order should be correct every time.
If it's not, we'll fix it right away, and
give you a free treat for your trouble.
Just let any associate know.

3/29/2019 6:39:51 AM
Check Number: 320338 Cashier: Vanessa
1 Hot Tea
SubTotal 2.29
Tax 0.00
Total 2.29
Cash 20.00
Change 17.71

If you didn't use your MyPanera card,
keep this receipt and enter the code below
at www.mypanera.com/misdedisit
Not a member yet? Ask an Associate for
your own card and join today!

8222-2645-1252-5521-5444-17

www.panerabread.com

TOGO POS
Your Order Number is:
Customer / Pager:

Date	Table No.	Guests	Server	Check Number
	1	2		146626

LUGO'S GRILL
908 NORMA ST
RIDGECREST CA 93555-3150
760-446-6960

Merchant ID: 6500000085
Term ID: 9880

Sale

Application Label: VISA CREDIT
CHASE VISA

VISA

XXXXXXXXXXXX2346

ALD: A0000000031010

Entry Method: Chip Read

Approved: Online

03/07/19

Inv#: 000000065

Appr Code: 04409C

Batch#: 0000008

17:53:27

Amount: \$ 10.02

Tip: 2.00

Total: 12.02

Mode: Issuer
TVR: 0060000000
IAD: 06010A03602002
TSI: F800
ARC: 00

I agree to pay above total amount
according to card issuer agreement
(Merchant agreement if credit voucher)

[Signature]
HELENE KEEFER

Customer Copy

THANK YOU

Check No.
146626
Amount

[Handwritten amounts: 19.70, 10.59, 20.29]



104 EAST SYDNOR AVE.
RIDGECREST, CA 93555
United States of America
TELEPHONE 760-446-1968 • FAX 760-446-1541
Reservations
www.hilton.com or 1 800 HILTONS

Helsley, Jeffrey

7912 6TH STREET

DOWNEY CA 90241

UNITED STATES OF AMERICA

Room No: 338/KXTO
Arrival Date: 3/7/2019 9:10:00 PM
Departure Date: 3/8/2019 7:48:00 AM
Adult/Child: 1/0
Cashier ID: CHRWIS
Room Rate: 146.28
AL:
HH # 963606138 BLUE
VAT #
Folio No/Che 171829 A

Confirmation Number: 81364141

HAMPTON INN & SUITES - RIDGECREST 3/8/2019 7:47:00 AM

DATE	REF NO	DESCRIPTION	CHARGES
3/7/2019	566575	GUEST ROOM	\$146.28
3/7/2019	566575	ROOM OCCUPANCY - TAX	\$14.63
3/7/2019	566575	RIDGECREST TOURISM IMPROVMENT	\$4.39
3/7/2019	566575	CA TOURISM ASSESSMENT	\$0.29
3/8/2019	566676	VS *2346	(\$165.59)
REF=0000171829-00171648 CHIP			
05			
Application Label: CHASE VISA			
TC: 3AFCFAAC4F3854F8			
TVR: 0080008000			
BALANCE			\$0.00

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CREDIT CARD DETAIL

APPR CODE	08434C	MERCHANT ID	0194597900
CARD NUMBER	VS *2346	EXP DATE	07/19
TRANSACTION ID	566676	TRANS TYPE	Sale



Quality Inn (CA022)

507 S. China Lake Blvd.
Ridgecrest, CA 93555
(760) 375-9732
GM.CA022@choicehotels.com

Account: 637578627

Date: 3/8/19

Room: 128 S3A

Arrival Date: 3/6/19

Departure Date: 3/8/19

Check In Time: 3/7/19 12:12 AM

Check Out Time: 3/8/19 6:53 AM

Rewards Program ID: GP-JXM23044

You were checked out by: gm

You were checked in by: dmiran

Total Balance Due: \$0.00

Post Date	Description	Comment	Amount
3/6/19	Room Charge	#128 MORAN, JEAN	\$94.49
3/6/19	Occupancy Tax		\$9.45
3/6/19	RTID Assessment		\$2.83
3/7/19	Room Charge	#128 MORAN, JEAN	\$94.49
3/7/19	Occupancy Tax		\$9.45
3/7/19	RTID Assessment		\$2.83
3/8/19	Visa Payment		(\$213.54)
		XXXXXXXXXXXX4441	

Folio Summary 3/6/19 - 3/8/19

Room Charge	\$188.98
Occupancy Tax	\$18.90
RTID Assessment	\$5.66
Visa Payment	(\$213.54)

Balance Due: **\$0.00**

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

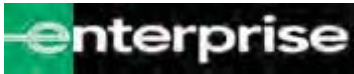
x



Congratulations. You are earning Choice Privileges Points for this stay.

Jean Moran

From: DoNotReply@erac.com
Sent: Saturday, March 9, 2019 9:04 AM
To: Jean Moran
Subject: ENTERPRISE Rental Agreement 51PS8V



RA #: 51PS8V

Renter: MORAN,JEAN

Dates & Times	Location
Pickup Mar 06, 2019 2:44 PM	1060 AUTO CENTER CT STE M CARLSBAD, CA 92008-4321 7609311111
Return Mar 09, 2019 9:02 AM	1060 AUTO CENTER CT STE M CARLSBAD, CA 92008-4321 7609311111

Vehicle	
Make/Model: NISN/SENT	
Color: WHITE	
Mileage: 552	
Fuel Out: 1/2	Fuel In: 3/4
License: 8AGL234	
Unit #: 7P9BG4	Vehicle #: HL718613

Charges	Price/Unit	Total
TIME & DISTANCE 03/06 - 03/09	3 @ \$27.55/DAY	\$82.65
VEHICLE LICENSE RECOVERY FEE	3 @ \$1.40/DAY	\$4.20
SALES TAX	7.7500%	\$6.41
Total Charges:		\$93.26
Charge To:		VISA xxxx4915

2019-03-09 09:03:57

ARCO GASOLINE

ARCO AMPM 42462
1326 W AVE K
LANCASTER CA
ARCO42462001

Description	Qty	Amount
debitfee	1	0.35
EC UNLD CA #02	10.1936	32.61
SELF @ 3.199/ G		
Subtotal		32.96
Tax		0.00
TOTAL		32.96
DEBIT \$		32.96

THANK YOU
FOR CHOOSING ARCO
COMMENTS?
CALL 1-800-322.2726
ST# 42462 TILL XXXX DR# 1 TRAN# 9020984
CSH: 0
03/06/19 22:39:44

ARCO GASOLINE
ARCO AM/PM 42652
12610 SABRE SPRINGS
SAN DIEGO CA 9212

ARCO42652001

DATE 03/08/19 20:29
TRAN# 9059336
PUMP# 05
SERVICE LEVEL: SELF
PRODUCT: UNLD
GALLONS: 10.000
PRICE/G: \$ 3.159
FUEL SALE \$ 31.59
debitfee \$0.35
DEBIT \$31.94

DEBIT
Payment from
Primary Account
XXXXXXXXXXXX4441
Auth #: 002746
Resp Code: 000
Stan: 05671479901
Reference: 21505

SITE ID: ARCO42652001
1

THANK YOU
FOR YOUR
VISIT

Lucas Grill
#516712 03/07/2019 5:24:32PM
01 CLERK01 000000

Dinner
1@ 10.77
DEPT. 05 \$10.77

ITEMS 10
***TOTAL \$10.77
CASH \$20.00
CHANGE \$9.23

TIP + 2.23
13
US CASH COME SEE US AGAIN

JN 2652



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Invoice

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

Invoice Number: 2652-21

Invoice Date: 05/23/19

Project #: 2652 Indian Wells Valley Groundwater Authority

Professional Services through 4/30/2019

Water Resources Management

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

Professional Services	Bill Hours	Bill Rate	Charge
Principal	33.00	\$230.00	\$7,590.00
Supervisor I	32.00	\$200.00	\$6,400.00
Associate I	32.75	\$115.00	\$3,766.25
Associate III	7.25	\$105.00	\$761.25
Assistant III	4.75	\$85.00	\$403.75
Professional Services Subtotal:			\$18,921.25

Reimbursables	Charge
Reproduction (Color)	\$510.86
Mileage	\$324.80
Reproduction	\$3.90
<i>Reimbursables Subtotal:</i>	<u>\$839.56</u>

POAM No. 134 Prep & Attend Board, PAC & TAC Mtgs/Consult w/ Authority & Com \$19,760.81

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

Professional Services	Bill Hours	Bill Rate	Charge
Associate I	13.00	\$115.00	\$1,495.00
Associate III	2.50	\$105.00	\$262.50
Administrative II	25.75	\$65.00	\$1,673.75
Professional Services Subtotal:			\$3,431.25

POAM No. 15,16 Prop 1 Grant Administration Subtotal: \$3,431.25

03 - POAM No. 31,38 Review of Basin GW Model - GSP Compliance/Prep HCM

Reimbursables	Charge
Telephone - Conference Call	\$116.28
<i>Reimbursables Subtotal:</i>	<i>\$116.28</i>

POAM No. 31,38 Review of Basin GW Model - GSP Compliance/Prep HCM Subtotal: \$116.28

04.01 - POAM No. 54,55 Data Gaps

Professional Services	Bill Hours	Bill Rate	Charge
Administrative II	3.50	\$65.00	\$227.50
Professional Services Subtotal:			\$227.50

POAM No. 54,55 Data Gaps Subtotal: \$227.50

04.02 - POAM No. 20 Data Management System

Professional Services	Bill Hours	Bill Rate	Charge
Supervisor I	1.00	\$200.00	\$200.00

**04.02 - POAM No. 20 Data Management System**

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	22.00	\$115.00	\$2,530.00
GIS Manager	3.00	\$115.00	\$345.00
Assistant III	21.75	\$85.00	\$1,848.75
Administrative II	4.00	\$65.00	\$260.00
<i>Professional Services Subtotal:</i>			<u>\$5,183.75</u>
<i>POAM No. 20 Data Management System Subtotal:</i>			<u>\$5,183.75</u>

05 - POAM No. 126 Project Management Costs & Schedule

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
Associate I	3.00	\$115.00	\$345.00
<i>Professional Services Subtotal:</i>			<u>\$545.00</u>
<i>POAM No. 126 Project Management Costs & Schedule Subtotal:</i>			<u>\$545.00</u>

05A - POAM No. 125 POAM

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
Associate I	3.75	\$115.00	\$431.25
Associate III	0.25	\$105.00	\$26.25
<i>Professional Services Subtotal:</i>			<u>\$657.50</u>
<i>POAM No. 125 POAM Subtotal:</i>			<u>\$657.50</u>

06 - POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compli

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	13.00	\$200.00	\$2,600.00
Associate I	12.50	\$115.00	\$1,437.50
GIS Manager	1.00	\$115.00	\$115.00
Assistant III	0.75	\$85.00	\$63.75
<i>Professional Services Subtotal:</i>			<u>\$4,216.25</u>
<i>POAM No. 36 IWVGW Basin 3rd Party Sustainability/Safe Yield Rev (GSP Compli</i>			<u>\$4,216.25</u>

07 - POAM No. 82 IWVGW Basin Oppty's & Constraints for Alt Imported Water Suppli

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	1.25	\$115.00	\$143.75
<i>Professional Services Subtotal:</i>			<u>\$143.75</u>
<i>POAM No. 82 IWVGW Basin Oppty's & Constraints for Alt Imported Water Supplies</i>			<u>\$143.75</u>

07.01 - Imported Water RFP

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	8.50	\$230.00	\$1,955.00
Supervisor I	5.00	\$200.00	\$1,000.00
Associate I	1.00	\$115.00	\$115.00
Senior Assistant	16.50	\$100.00	\$1,650.00
<i>Professional Services Subtotal:</i>			<u>\$4,720.00</u>
<i>Imported Water RFP Subtotal:</i>			<u>\$4,720.00</u>

08.04 - POAM No. 101 Sustainable Management Criteria

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.00	\$200.00	\$600.00

**08.04 - POAM No. 101 Sustainable Management Criteria**

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	3.50	\$115.00	\$402.50
GIS Manager	15.00	\$115.00	\$1,725.00
<i>Professional Services Subtotal:</i>			<u>\$2,727.50</u>
<i>POAM No. 101 Sustainable Management Criteria Subtotal:</i>			<u>\$2,727.50</u>

08.05 - POAM No. 100 Projects and Management Actions

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
Supervisor II	3.25	\$185.00	\$601.25
Assistant III	15.00	\$85.00	\$1,275.00
<i>Professional Services Subtotal:</i>			<u>\$2,076.25</u>
<i>POAM No. 100 Projects and Management Actions Subtotal:</i>			<u>\$2,076.25</u>

08.05.01 - Pumping Allocation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	24.00	\$230.00	\$5,520.00
Supervisor I	41.00	\$200.00	\$8,200.00
Associate I	29.50	\$115.00	\$3,392.50
Associate III	3.00	\$105.00	\$315.00
Senior Assistant	38.00	\$100.00	\$3,800.00
<i>Professional Services Subtotal:</i>			<u>\$21,227.50</u>
			<u>Charge</u>
Reimbursables			
Meals			\$8.40
Mileage			\$143.84
<i>Reimbursables Subtotal:</i>			<u>\$152.24</u>
<i>Pumping Allocation Subtotal:</i>			<u>\$21,379.74</u>

08.06 - POAM No. 102 Plan Implementation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$230.00	\$460.00
Supervisor I	2.00	\$200.00	\$400.00
Supervisor II	15.25	\$185.00	\$2,821.25
Senior I	4.00	\$160.00	\$640.00
Associate I	20.00	\$115.00	\$2,300.00
GIS Manager	3.50	\$115.00	\$402.50
Senior Assistant	18.50	\$100.00	\$1,850.00
Assistant III	30.75	\$85.00	\$2,613.75
Technical Illustrator	11.00	\$85.00	\$935.00
<i>Professional Services Subtotal:</i>			<u>\$12,422.50</u>
<i>POAM No. 102 Plan Implementation Subtotal:</i>			<u>\$12,422.50</u>

08.08 - POAM No. 107 Develop Draft

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor II	16.25	\$185.00	\$3,006.25
Senior I	3.25	\$160.00	\$520.00
Associate I	16.75	\$115.00	\$1,926.25
GIS Manager	3.50	\$115.00	\$402.50
Senior Assistant	14.00	\$100.00	\$1,400.00

**08.08 - POAM No. 107 Develop Draft**

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Assistant III	22.75	\$85.00	\$1,933.75
Technical Illustrator	2.50	\$85.00	\$212.50
Administrative II	10.00	\$65.00	\$650.00
<i>Professional Services Subtotal:</i>			<u>\$10,051.25</u>
<i>POAM No. 107 Develop Draft Subtotal:</i>			<u>\$10,051.25</u>

11.01 - POAM No. 56 Monitoring Wells - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
Supervisor II	1.00	\$185.00	\$185.00
<i>Professional Services Subtotal:</i>			<u>\$385.00</u>
<i>POAM No. 56 Monitoring Wells - Planning Subtotal:</i>			<u>\$385.00</u>

11.02 - POAM No. 56 Monitoring Wells - Implementation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	12.00	\$200.00	\$2,400.00
<i>Professional Services Subtotal:</i>			<u>\$2,400.00</u>
<i>POAM No. 56 Monitoring Wells - Implementation Subtotal:</i>			<u>\$2,400.00</u>

11.03 - POAM No. 64 Stream Gages - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$230.00	\$460.00
Supervisor I	2.00	\$200.00	\$400.00
Supervisor II	7.50	\$185.00	\$1,387.50
Associate II	5.00	\$110.00	\$550.00
GIS Specialist I	1.00	\$95.00	\$95.00
<i>Professional Services Subtotal:</i>			<u>\$2,892.50</u>
<i>POAM No. 64 Stream Gages - Planning Subtotal:</i>			<u>\$2,892.50</u>

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
GIS Manager	14.00	\$115.00	\$1,610.00
Associate II	18.00	\$110.00	\$1,980.00
Assistant III	6.50	\$85.00	\$552.50
<i>Professional Services Subtotal:</i>			<u>\$4,142.50</u>
<i>POAM No. 74 Water Quality & Stable Isotope Sampling Subtotal:</i>			<u>\$4,142.50</u>

11.07 - POAM No. 69 Weather Stations - Planning

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$230.00	\$460.00
Associate II	22.00	\$110.00	\$2,420.00
<i>Professional Services Subtotal:</i>			<u>\$2,880.00</u>
<i>POAM No. 69 Weather Stations - Planning Subtotal:</i>			<u>\$2,880.00</u>

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$200.00	\$200.00
Senior Assistant	2.75	\$100.00	\$275.00
<i>Professional Services Subtotal:</i>			<u>\$475.00</u>



POAM No. 119 SDAC Projects; Water Conservation & Rebate Program Subtotal: \$475.00

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

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Senior Assistant	2.75	\$100.00	\$275.00
<i>Professional Services Subtotal:</i>			<u>\$275.00</u>

POAM No. 120 SDAC Projects: Water Audit, Leak Detection & Leak Rpr Program S \$275.00

14 - POAM No. 139 Pumping Assessment Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	15.00	\$115.00	\$1,725.00
<i>Professional Services Subtotal:</i>			<u>\$1,725.00</u>

POAM No. 139 Pumping Assessment Support Subtotal: \$1,725.00

15 - TSS Program

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	2.00	\$200.00	\$400.00
Senior II	1.50	\$145.00	\$217.50
<i>Professional Services Subtotal:</i>			<u>\$617.50</u>

TSS Program Subtotal: \$617.50

16 - Brackish Water Study Coordination

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$230.00	\$460.00
Supervisor I	0.50	\$200.00	\$100.00
<i>Professional Services Subtotal:</i>			<u>\$560.00</u>

Brackish Water Study Coordination Subtotal: \$560.00

17 - Navy-COSO

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	1.00	\$230.00	\$230.00
Supervisor I	1.50	\$200.00	\$300.00
Associate I	1.50	\$115.00	\$172.50
<i>Professional Services Subtotal:</i>			<u>\$702.50</u>

Navy-COSO Subtotal: \$702.50

***Water Resources Management Subtotal:* \$104,714.33**

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

\$104,714.33



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

Northern California • Southern California • Arizona • Colorado • Oregon

REIMBURSABLE SUMMARY

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

Invoice Number: 2652-21

Invoice Date: 05/23/19

Project #: 2652 Indian Wells Valley Groundwater Authority

Manager: Stephen Johnson
Professional Services through 4/30/2019

Water Resources Management

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

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Mileage	04/04/2019	280.00	\$0.58	\$162.40	
Mileage	04/18/2019	280.00	\$0.58	\$162.40	
Reproduction	04/30/2019	26.00	\$0.15	\$3.90	
Reproduction (Color)	04/30/2019	1.00	\$0.89	\$0.89	
Reproduction (Color)	04/30/2019	573.00	\$0.89	\$509.97	

POAM No. 134 Prep & Attend Board,PAC & TAC Mtgs/Consult w/ Authority & Committees \$839.56

03 - POAM No. 31,38 Review of Basin GW Model - GSP Compliance/Prep HCM

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Telephone - Conference Call	04/16/2019	1.00	\$25.26	\$25.26	
Telephone - Conference Call	04/25/2019	1.00	\$40.36	\$40.36	
Telephone - Conference Call	04/25/2019	1.00	\$25.11	\$25.11	
Telephone - Conference Call	04/25/2019	1.00	\$25.55	\$25.55	

POAM No. 31,38 Review of Basin GW Model - GSP Compliance/Prep \$116.28

08.05.01 - Pumping Allocation

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Meals	04/26/2019	1.00	\$6.01	\$6.01	
Meals	04/26/2019	1.00	\$2.39	\$2.39	
Mileage	04/26/2019	114.00	\$0.58	\$66.12	
Mileage	04/26/2019	134.00	\$0.58	\$77.72	

Pumping Allocation Sub-Total: \$152.24

Panera Bread
Cafe 4239
Westlake Village, CA 91362
Phone: (818)991-3100

Accuracy Matters.

Your order should be correct every time.
If it's not, we'll fix it right away, and
give you a free treat for your trouble.
Just let any associate know.

4/26/2019 8:24:59 AM
Check Number: 435985 Cashier: Ty
1 Wrap Chptl Chx Egg 5.49
1 HEATED
1 Whole Wheat Wrap
1 Chipotle Aioli
1 Cilantro
1 Gouda Cheese
1 sp Smk Pull Chx
1 Avocado
1 Peppadew Peppers
SubTotal 5.49
Tax 0.52
Total 6.01
Cash 10.01
Cash 10.01
Change 4.00

If you didn't use your MyPanera card,
keep this receipt and enter the code below
at www.mypanera.com/missedvisit

Not a member yet? Ask an Associate for
your own card and join today!

5015-5559-7845-9043-5499-75

www.panerabread.com

HERE POS

Your Order Number is: 485
Customer / Pager: JEFF 18

Panera Bread
Cafe 4239
Westlake Village, CA 91362
Phone: (818)991-3100

Accuracy Matters.

Your order should be correct every time.
If it's not, we'll fix it right away, and
give you a free treat for your trouble.
Just let any associate know.

4/26/2019 7:27:47 AM
Check Number: 323998 Cashier: Vanessa
1 Hot Tea 2.39
SubTotal 2.39
Tax 0.00
Total 2.39
Cash 3.00
Cash 3.00
Change 0.61

If you didn't use your MyPanera card,
keep this receipt and enter the code below
at www.mypanera.com/missedvisit

Not a member yet? Ask an Associate for
your own card and join today!

8226-4512-5511-2165-4482-29

www.panerabread.com

TOGO POS

Your Order Number is: 398
Customer / Pager:

Project Accounting Summary

Account #: 1757778 Invoice #: 1744468952 Date: 04/30/2019

PAC: 2652-001003				
Owner Name	Conference	Date	Minutes	Conf Charge
Reich, Steve	273835957	04/25/19	3	\$25.11
Total Conferences:		1	3	\$25.11

✓ PAC: 2852				
Owner Name	Conference	Date	Minutes	Conf Charge
✓ Castaneda, Fatima	273933219	04/25/19	270	\$40.36
✓ Reich, Steve	273829163	04/25/19	138	\$25.55
✓ Reich, Steve	271647427	04/16/19	44	\$25.26
Total Conferences:		3	452	\$91.17



City of Ridgecrest

100 West California Avenue
Ridgecrest, CA 93555
Phone (760) 499-5002 Fax (760) 499-1500
www.ridgecrest-ca.gov

TO: IWV Groundwater Authority
PO Box 1329
Ridgecrest, CA 93556-1329

Invoice Date: 6/11/2019

ATTN: Lauren Duffy, Secretary

Event: PAC / TAC Meetings - June 6, 2019

Description	Account Distribution	Unit Price	Total Price
6 hours video 2 hours setup and prep for meetings 1 hour posting		\$83.00	\$ 747.00
Total Amount Due			\$ 747.00

Please make payable to:
City of Ridgecrest

Credit Card Payments:
Please contact Ricca Charlon @ 760-499-5002

Mail to:
City of Ridgecrest
ATTN: Ricca Charlon
100 W. California Ave.
Ridgecrest, CA 93555

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PackWrap Business Center, Inc.
1500 McLean St.
Ridgecrest, CA 93555
(760)446-3010
packwrap@hotmail.com
www.packwrapprint.com



Invoice

BILL TO

IWVGA
Atten: Accounts Payable
PO Box 1329
Ridgecrest, CA 93556

INVOICE # 36842**DATE** 05/24/2019**DUE DATE** 06/23/2019**TERMS** Net 30 Days**P.O. NUMBER**

Lauren Duffy

SALES REP

Mary Boster

ACTIVITY	QTY	RATE	AMOUNT
Bulk Mail Postage For IWVGA Postcard Small Well Owners	1	709.19	709.19T

Thank you for your business with Packwrap. Please check out our
website at www.packwrapprint.com.

SUBTOTAL	709.19
TAX (0%)	0.00
TOTAL	709.19
BALANCE DUE	\$709.19

Signature _____

PackWrap Business Center, Inc.
1500 McLean St.
Ridgecrest, CA 93555
(760)446-3010
packwrap@hotmail.com
www.packwrapprint.com



Invoice

BILL TO

IWVGA
Atten: Accounts Payable
PO Box 1329
Ridgecrest, CA 93556

INVOICE # 36852**DATE** 05/29/2019**DUE DATE** 06/28/2019**TERMS** Net 30 Days**P.O. NUMBER**

Lauren Duffy

SALES REP

Mary Boster

ACTIVITY	QTY	RATE	AMOUNT
3,000 postcards - Sustainable Groundwater Management Act Small Well Owners	1	425.00	425.00T
Mail Processing	1	135.45	135.45T
USPS Shipping- First Class for Non-Compliant addresses	72	0.55	39.60

Thank you for your business with Packwrap. Please check out our
website at www.packwrapprint.com.

SUBTOTAL	600.05
TAX (0%)	0.00
TOTAL	600.05
BALANCE DUE	\$600.05

Signature _____

LYNN E. RICKARD, ARA
P.O. Box 2234
BAKERSFIELD, CA 93303
(661) 328-9950
Fax: (661) 328-9950

May 29, 2019

Mr. James A. Worth
McMurtrey, Hartsock & Worth
2001 22nd Street, Suite 100
Bakersfield, CA 93301

RE: Meadowbrook Ranch

APPRAISAL

File 19-1580

Restricted Appraisal Report, 1,554.69 Acres, Irrigated & Unirrigated Land, Kern County, CA

Appraisal Fee

\$2,000.00

Tax I.D. #545-68-8747

THANK YOU

Terms: Due Upon Receipt

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CAPITOL
CORE
GROUP

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

BILL TO

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

Invoice 2019-027

DATE 06/03/2019 **TERMS** Net 45

DUE DATE 07/18/2019

DATE	ACCOUNT SUMMARY	AMOUNT
05/01/2019	Balance Forward	\$11,466.26
	Payments and credits between 05/01/2019 and 06/03/2019	-11,466.26
	New charges (details below)	21,859.99
	Total Amount Due	\$21,859.99

ACTIVITY	HOURS	RATE	AMOUNT
Charges			
Task 1 -- Determination and Secure Sources of Imported Water Supplies			
Strategic Communications:Water Procurement Assistance	2	225.00	450.00
Kick-Off Meetings: Internal IWVGA calls, project management, and follow-up {SVP- Simonetti}			
Strategic Communications:Water Procurement Assistance	1	225.00	225.00
Technical Memo Development: Calls with water resources {SVP - Simonetti}			
Strategic Communications:Water Procurement Assistance	5.50	225.00	1,237.50
Technical Memo Development: Meetings with Northern California water suppliers {SVP - Simonetti}			
Strategic Communications:Water Procurement Assistance	1.50	225.00	337.50
Technical Memo Development: Document Preparation/ACWA initial meetings {SVP - Simonetti}			
Strategic Communications:Water Procurement Assistance	8	250.00	2,000.00
Implementation Meetings: ACWA Conference {Partner - Tatum}			
Strategic Communications:Water Procurement Assistance	6	225.00	1,350.00
Technical Memo Development: ACWA Meetings {SVP - Simonetti}			
Strategic Communications:Water Procurement Assistance	1	225.00	225.00
Technical Memo Development: ACWA meeting follow-up {SVP - Simonetti}			
Strategic Communications:Water Procurement Assistance	6	225.00	1,350.00
Technical Memo Development: Water procurement calls with suppliers {SVP - Simonetti}			
Strategic Communications:Water Procurement Assistance	8	250.00	2,000.00
Technical Memo Development: Week of 5-13.2019 {Partner - Tatum}			

ACTIVITY	HOURS	RATE	AMOUNT
Strategic Communications:Water Procurement Assistance Technical Memo Development: Week of 5-20-2019 {Partner - Tatum}	8	250.00	2,000.00
Strategic Communications:Water Procurement Assistance Technical Memo Development: Week of 5-27-2019 {Partner - Tatum}	8	250.00	2,000.00
Strategic Communications:Water Procurement Assistance Technical Memo Development: Draft memorandum {SVP - Simonetti}	10	225.00	2,250.00
Total Task 1 = \$15,425.00 (65 hours)			
Task 3 -- Identification and Secure Potential Funding Sources			
Government Relations:Public Affairs Funding Source Due Diligence: House/Senate Appropriations, EPA, and Bur. of Reclamation {Partner - McKinney}	4	250.00	1,000.00
Government Relations:California Legislative Affairs Funding Source Due Diligence: Assembly/Senate Meetings in Sacramento {Partner - McKinney}	3.50	250.00	875.00
Government Relations:Public Affairs Funding Source Due Diligence: Agency Federal Funding Research {Partner - McKinney}	2	250.00	500.00
Government Relations:Public Affairs Funding Source Due Diligence: Internal Meetings, Client Conference Calls {Partner - McKinney}	2	250.00	500.00
Government Relations:Public Affairs Reporting and Management {Partner - McKinney}	2	250.00	500.00
Government Relations:Public Affairs Funding Source Due Diligence: Meetings w/ SBCounty Reps. and ACWA prep {SVP - Simonetti}	1.50	225.00	337.50
Government Relations:Public Affairs Funding Source Due Diligence: Briefing Document Preparation {SVP - Simonetti}	1	225.00	225.00
Government Relations:Public Affairs Funding Source Due Diligence: Preparation for Legislative Calls {SVP - Simonetti}	0.75	225.00	168.75
Government Relations:California Legislative Affairs Meeting with Senator Shannon Grove's Office and follow-up {SVP-Simonetti}	2	225.00	450.00
Government Relations:California Legislative Affairs Meeting with Asm. Vince Fong's Office and follow-up {SVP-Simonetti}	1.50	225.00	337.50
Government Relations:Federal Legislative Affairs Funding Source Due Diligence: Federal funding source strategy, meeting and preparation {SVP - Simonetti}	1.50	225.00	337.50
Government Relations:Federal Legislative Affairs Funding Source Due Diligence: meeting preparation w. Rep. Paul Cook's office {SVP - Simonetti}	1.75	225.00	393.75
Task 3 = \$5,625.00 (23.5 hours)			
Task 4 -- Board Meeting, Staff Meetings and Reporting			
Government Relations:Public Affairs Board Meeting: Materials Preparation and Board Meeting {SVP - Simonetti}	3	225.00	675.00
Task 4 = \$675.00 (3 hours)			

ACTIVITY	HOURS	RATE	AMOUNT
Reimbursable Expense Items			
Reimbursable Expense Item	1	98.03	98.03
Lodging: ACWA Conference -- Monterey, CA {Partner - Tatum}			
Reimbursable Expense Item	1	36.96	36.96
Meals: ACWA Conference - Monterey, CA (various) {Partner - Tatum}			

Total REIM = \$134.99

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

TOTAL OF NEW
CHARGES

21,859.99

TOTAL DUE

\$21,859.99

**Indian Wells Valley Groundwater Authority
May 2019 Financial Report**

	Project Budget/ POAM	Pre-FY 2018	FY 2018	2019 Budget	FYTD through May
Beginning Balance				231,368	476,713
County of Kern Advance	500,000	-	254,655	245,345	-
IWVWD Advance	500,000	-	500,000	-	-
Navy in-Kind	1,097,300	-	620,600	476,700	-
IWVWD In-kind	80,000	-	80,000	-	-
Initial Member Contribution	75,000	75,000	-	-	-
Beginning Balance	1,252,300	75,000	1,455,255	953,413	476,713
Revenues					
DWR	249,950	-	225,501	24,449	
Prop 1 Grant	2,146,000	-	-	931,325	
-GSP Preparation @ \$1,500,000					
-SDAC @ \$646,000					
Assessment Pumping Fee	1,522,384	-	121,788	762,973	157,099
Total Revenue	3,918,334	-	347,288	1,718,747	157,099
Expenses					
Task 1- Initial GSP Support Studies	167,600	19,341	188,065	(39,805)	20,985
Task 2- Proposition 1 SGMA GSP Development Grant	102,880	27,280	50,481	25,119	12,191
Task 3- Data Management System	371,105	3,686	75,143	292,276	24,629
Task 4- GSP Development and Submittal	2,505,700	12,136	860,130	1,633,434	281,863
Task 5- SDAC Projects	646,000	1,969	45,073	598,959	2,450
Task 6- IWVGA Project Management and Administrative Tasks	206,300	8,953	124,441	72,906	90,221
- City of Ridgecrest Reimbursement	210,466	-	-	-	
Task 7- Legal Services	200,000	-	12,878	187,123	52,750
Task 8- Stakeholder/Authority Coordination	289,250	-	29,424	259,826	
- Additional PAC/TAC/Board Meeting Support	100,000	-	-	100,000	
- Additional Pump Fee Support	36,000	-	-	36,000	
Task 9- Groundwater Pumping Fee Support	121,500	-	98,032	23,468	85,123
Stetson- TSS Support	17,464	-	-	14,700	
Stetson- Brackish Water Support	47,088	-	-	30,000	
Stetson- Imported Water Coordination	48,710	-	-	45,000	
Stetson- Allocation Process Support	104,015	-	-	50,000	
Stetson- Navy-Coso Funding Support	13,382	-	-	10,000	
Auditing Services & IWVWD Reimbursement for Website fees					6,276 -Unbudget
Banking Fees	60	-	60	-	
Addtl Insurance Cost	2,000	-	-	2,000	9,967
PAC & TAC Meeting Costs	7,470	-	-	7,470	1,660
Water Marketing	230,000	-	-	230,000	
Undocumented Expenditures (pre-FY2018)	-	635	-	-	
Total Expenses	5,426,990	74,000	1,483,725	3,578,475	588,115
Reserve Requirements				227,268	
Ending Balance	(256,356)			(1,133,583)	45,697
Unpaid Invoices					
Capitol Core Group Inv# 2019-027, 06/03/19					21,859.99
City of Ridgecrest, Reimbursement for 06/06 PAC/TAC Meetings, 06/11/19					747.00
DRI Inv# CI-06-2082A/11, 05/10/19					26,717.19
DRI Inv# CI-06-2082B/02, 05/10/19					10,777.02
IWVWD Reimbursement for Postcard Mailer					1,309.24
Lynn Rickard, Appraisal Fee, 05/29/19					2,000.00
RWG Law Inv# 221891, 05/20/19					12,137.36
Stetson Inv# 2652-18, 03/07/19					89,203.59
Stetson Inv# 2652-19, 04/02/19					92,542.40
Stetson Inv# 2652-20, 05/03/19					101,799.45
Stetson Inv# 2652-21, 05/23/19					104,714.33
					463,807.57

Indian Wells Valley Basin

Your Community Needs Your Help



A Drill Rig Drilling a Domestic Well

Photo Courtesy of Don Decker

The Indian Wells Valley Groundwater Authority (IWVGA) is tasked with submitting a **Groundwater Sustainability Plan (GSP)** to the California Department of Water Resources by **January 31, 2020**, which will include a plan to bring our Basin into sustainable usage by 2040. The GSP must include the effects of lowering water levels and declining water quality on all Basin wells, including de-minimis wells. De-minimis wells are wells pumping less than 2 acre-feet per year for domestic purposes and are typically much shallower than the higher-capacity wells used by the major pumpers. De-minimis wells are treated different than non de-minimis wells with respect to registration of wells. The **Sustainable Ground Water Act (SGMA)** presently states that de-minimis pumpers cannot be required to install metering devices or to report the amount of water pumped (Water Code 10725.8e). The major pumping wells are already in the Basin database which is incorporated in the Basin groundwater model. It is important now to reach out to de-minimis well owners and ask for your assistance with providing information about your wells. Data from your well will increase the IWVGA's understanding of the Basin, and any affects on shallow wells.

Registering your well provides the following benefits:

- **Registration will ensure that proper ownership of wells is established and that each well owner contributes and becomes a formal part of the GSP.**
- **Registration will provide data to help monitor any shallow well impacts from declining water levels. The additional data will help the IWVGA to understand and develop a plan that mitigates impacts to shallow wells.**
- **Registration provides important information on the IWV Basin (such as well count, well location, depth to water, water quality, and lithographic data), resulting in more accurate modeling results.**
- **Registration will provide data on individual wells needed by the IWVGA to pursue grants and funding to assist well owners impacted by lowering of water levels and/or declining water quality.**
- **Personal information will be protected.**

A simple Voluntary Well Registration Form can be downloaded from the IWVGA website, www.iwvga.org. A copy of the form is also available at the offices of the Indian Wells Valley Water District at 500 W. Ridgecrest Blvd. and Inyokern Community Services District at 1429 N. Broadway.

For additional information or assistance with questions, please call (760)384-5511. The IWVGA maintains a website, www.iwvga.org. To be added to the interested parties list, email IWVGA Clerk Lauren Duffy at lduffy@iwvwd.com



PRSR STD
US POSTAGE
PAID
Ridgecrest, CA
Permit #62

Item 1. Call to Order

All members were present with the exception of voting members Nick Panzer, Raj Jonnalagadda and James Mower, and non-voting members John Kersey and Ryan Klaush.

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

None Received.

Item 3. Approval of PAC Meeting Minutes.

Minutes for the February, March meetings were approved as submitted. April and May meeting minutes were approved with minor amendments.

Item 4. Draft GSP Update and Review

Section 3 is planned for release by June 14 with Section 2 due out the following week. The POA&M will be updated following direction out of the IWVGA Board meeting scheduled for June 20.

Item 5. Review Progress on Management Action Scenario Modeling

A summary brief of the three management action modeling scenarios results (briefed by the Stetson Engineers at the earlier TAC meeting) was presented by the PAC Chair. These were Scenario 3 White Paper, Scenario 4 Water Buyout and Scenario 5, Immediate Halt To Pumping (IHTP).

Member comments included:

- The three scenarios are not “apples-to-apples” comparisons. Scenario 3 is a “modified” version of the White Paper and was not endorsed, as modified, by Mojave Pistachios. It utilized NO supplemental water recharge, unlike both scenarios 4 and 5, and if the supplemental recharge had been included, the scenarios would have very similar results on the total water level.
- The results show drawdown in certain geographic areas within the valley depending on where pumping ceased or continued. Future scenarios should include alternative locations to ensure that the GSP management plan ultimately adopted provides sustainability distributed adequately across the basin geography for the population.
- Concern that the next scenario(s) would be decided in closed session without the opportunity for consideration or input by the TAC, PAC and public.
- How were the costs of shallow well impact mitigation calculated for the shallow well mitigation summary spreadsheet (slide #29). What are the cost factors were used and how were they justified?

Public comments included:

- Supported the comments of the committee members above.
- Questioned the proposed concept of extending the Navy Federal water rights to selected other pumpers and protecting 86% of their pumping drawdown requirement. The PAC should be provided documented legal authority to justify this as a policy consideration.
- Scenarios 4 and 5 do not appear achieve the SGMA mandated requirement to achieve sustainability in the southeast and northwest areas of the basin.
- Scenarios 4 and 5 do achieve SGMA mandated requirements in that the basin as whole is in balance.
- Chapter 3 of the GSP includes the Sustainable Management Criteria and the crux of the GSP. The PAC should have had input opportunity rather than review after the fact, in a compressed timeline.
- The Domestic Well Owner Association proposed scenario was evaluated with a simple spreadsheet process that can inform a great deal with little or no cost and could be used to inform the next scenarios to be modeled at a fraction of the cost and time.

The PAC recommends that given the 2:07 PM and PAC meetings have been moved forward one week, now occurring only one week after the GA Board meeting, the TAC and PAC be tasked to recommend or review the next modeling scenario or scenarios for consideration, with the attendant public transparency and opportunity for input.

Item 6. Shallow Well Impact Mitigation Plan Ad-Hoc Subcommittee Report

Judie Decker reported on the product of the sub-committee regarding evaluation of well owner responsibilities for impacted shallow wells (post-GSP adoption), funding options, and how to evaluate previously impacted shallow wells (pre-GSP adoption). The written subcommittee report is attached, as approved by the PAC. The committee also suggested additional topics for future consideration after the harvest season. The PAC commended the committee for their efforts on this contentious topic.

Item 7. Managed Growth Policy Considerations (Tasked by IWVGA)

The IWVGA is extremely limited in direct authority to control or implement growth policies across the basin. The five entities that comprise the membership of the GA do have those authorities, individually, and are subject to their individual constituents and boards. The GA does have the authority to define the water policies cross the basin. Lorelai Oviatt will provide a written recommendation on how to proceed on the specific policy issues related to growth and within the scope of the GA's authority.

Item 8. Imported Water Update

The consultant firm, Capitol Core, has been moving forward regarding the feasibility and cost estimates for imported water in the IWV. They have met with potential water suppliers, and have a meeting scheduled with LADWP exploring water delivery feasibility. They will be meeting with federal representatives in Washington later in June. They are targeted to report on water availability opportunities in July. A progress report conference call with the Imported Water Committee is scheduled for June 13.

Item 9. Future Agenda Items (June 27 PAC)

- Managed Growth Policy Considerations
- Management Scenario Review and Recommendation.
- Draft GSP Section Review
- Imported Water Status Update

Item 10. Future PAC meeting dates

June 27 (replacement for July 4 meeting), August 1, September 5.

Item 11. Member Comment

The ad-hoc committee on shallow well mitigation was commended for their efforts and product. Anecdotally, some domestic well owners did not receive the postcard regarding the benefits of voluntary registration. Members were encouraged to provide those addresses so that they could be cross-checked against the mailing list.

Item 12. Meeting Adjourned.

Submitted by: David Janiec, IWVGA PAC Chair, 13 JUNE 2019

PAC ad hoc Committee Shallow Well Mitigation Recommendations 5/31/19 ¹¹

From Judie Decker, West Katzenstein, Pat Quist and Josh Nugent

This paper provides recommendations prepared in accordance with the ad hoc committee assignment from the Policy Advisory Committee (PAC) meeting of 5/2/19. This assignment was to “flesh out” Items b., c. and d. from the April 2019 PAC Agenda item *Draft Preliminary Impacted Shallow Wells Mitigation Plan and Funding Plan Approach*, prepared by Ms. Jean Moran of Stetson Engineers.

- b. “discuss how to evaluate well owner responsibility for impacted shallow wells (post GSP)”
- c. “discuss funding options”
- d. “discuss how to evaluate previously impacted shallow wells (pre GSP adoption)”

b. Discuss how to evaluate well owner responsibility for impacted shallow wells (post GSP)

Introduction The Groundwater Authority (GA) Board will adopt a Shallow Well Mitigation Plan as part of its Groundwater Sustainability Plan (GSP). The PAC accepted the Stetson Draft Shallow Well Mitigation Plan at its May Meeting. The technical details of how to evaluate a well’s physical condition will be provided by Stetson Engineers with support from the Technical Advisory Committee and incorporated into the evaluation procedures adopted by the GA Board. This procedure description will include identification of the professional personnel to do an application review and the detailed well physical evaluation.

A priority list shall be established based on the following: 1) date of application, 2) severity of the problem and 3) ability to find alternate water source on a temporary basis.

Domestic well registration The GA Board has made significant effort to reach out to the domestic well community including a recent postcard mailing that provided background, value and guidance in registering a domestic well. The domestic well registration form that the IWV Domestic Well Owners Association submitted to GA Board Manager, Mr. Don Zdeba, is referenced in this postcard. The registration form contains the parameters for evaluating the likely condition of a domestic well as discussed below.

Shallow well failure evaluation criteria There are many variables in well pumping. They include size of pump/motor, amount of water pumped, rate at which the water is pumped, distance to other pumpers, and type of alluvial material where well perforations are located. Over time the cone of depression around a major well expands and deepens. The IWV Basin aquifer is connected substantially both in the horizontal and vertical directions in all of the major pumping areas. Thus you can have shallow domestic wells being impacted by large production wells that are a mile or more away. The more water pumped at a given location over time the wider and deeper the pumping depression becomes.

The shallow well failure analysis completed by Jean Moran describes the quantitative condition of a well that has been seriously and negatively impacted by over pumping. There are several important shallow well aspects that are to be considered first:

1. Well location must be within the boundaries of the IWV groundwater Basin 6-54.
2. The well must be for domestic purposes which includes reasonable landscaping.

3. The well must be registered with the IWV Groundwater Authority using the approved registration form.

4. The well has been drilled and completed to AWWA standards. This would include 100 feet (or more) of standing water when new. It is recognized that full well completion information is not always available. The failure evaluation in such a situation will be more or less subjective and uncertain.

If the well owner has the driller's log and associated paperwork, they should be presented at the time of application for remediation of said well.

If a well has previously failed and been repaired at the owner's expense, then any data about the well and groundwater status at the time of repair should be made available to the GA.

The GA Board will set up the staff needed to evaluate well failure problems and procedures to do the required work needed to rehabilitate the well.

GA shallow well failure compensation The GA will pay for well deepening/well replacement if it is determined that the GA has responsibility for the well failure. This would include driller's and additional material costs including well casing. Down-hole equipment costs including electrical wire, drop pipe and pump and motor would be paid for by the well owner.

The GA shall not pay for pump/motor replacement. A responsible well owner should maintain his well equipment.

c. Funding options

Potential funding sources are listed in the draft mitigation plan that should be explored by the GA as appropriate.

Mitigation fees The GA has an obligation to bring the entire groundwater basin into sustainability. GA management actions to achieve this goal will impact every pumper in the Basin. Over time, every pumper will have to contribute in order to reach this goal.

Shallow well failure mitigation fees would be assessed on the major pumpers in the Valley. It would be in the best interest of the Valley as a whole for all the major pumpers to pay into a Basin wide well restoration fund. A fee would have to be established where all non de minimis pumpers pay a certain amount per acre foot pumped over some minimum established limit. This would be a mandatory fee and would be in addition to other fees. Well rehabilitation fees will be set aside and will have to be a line item in the Board's future budget.

Grants As an independent governing entity the GA will be able to apply for grant funding from several sources after the GSP is accepted. Potential sources for this money include DWR as well as California Regional Water Quality Control Board. Money for disadvantaged communities (DAC) will also be available.

Possible Federal funding Navy-Coso royalty and other potential Federal funding should be explored.

Other funding Funds will also be available on a smaller scale from other sources including: Inyo Mono Integrated Regional Water Management organization and one or all of the three Counties involved. This issue will be continually explored.

Low interest loans This is another area that should be explored by the GA Board when they have a Finance Manager. They might, in some cases, want to set up a low interest loan fund. This can only be established after the Groundwater Sustainability Plan is accepted.

DAC There may be low interest loans for well owners who qualify for DAC status. These low interest loans may be available for mutuals and co-ops. Grant Money is sometimes available through the California Rural Water Association.

d. Evaluate pre-GSP impacted shallow wells.

The Stetson analysis of shallow well failure due to declining water levels completed by Jean Moran includes failures occurring before SGMA was enacted. If it is determined that the GA has responsibility to mitigate wells that have already failed, the same procedures should be followed as those adopted for **item b.**

These issues are the legal responsibility of GA Board itself, not the PAC.

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

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

TECHNICAL ADVISORY COMMITTEE REPORT

June 20, 2019 Report

- Item 1: Call to Order of the June 6, 2019 meeting.
 - Present: Adam Bingham (Chairman), Don Decker, Don Quist, Earl Wilson, Scott O'Neil, Stephan Bork, and Wade Major.
 - Unable to attend: Michelle Anderson, Tim Parker and Eddy Teasdale.
 - No Rand Community Water District Representative.
- Item 2: No Public Comments at this time.
- Item 3: WRM Discussion of GSP
 - Modeling Scenarios and Results:
 - Jeff H gave the Scenario discussion. Pumpage established for safe yield. Sustainable imported and recycled waters as additional recharge is included within the models
 - Scenario 3, White Paper, reduction includes timing change yearly and cliff pumping drop from groups except Navy and domestic well users.
 - Scenario 4 is the Water Buyout. Ramp down timing is greatly increased immediately with pumpage reduction starting 2022 through 2027. Recharge distribution within different basin areas must be further reviewed.
 - Scenario 5 is the Immediate Half pumpage drop or Nuclear Worst Case. AG fallow issues may require some pumpage-negotiation. Searles Valley Minerals may find new supplies or recycle waste water effluent but domestic user needs within SV will be provided.
 - Corrections and advice will result in a new scenario that will be coming but is on hold at this time. Shallow well impacts are sharply reduced in Scenarios 4 and 5 more quickly than Scenario 3.
 - Carl Pullman, DRI, gave scenario modeling reports. Recharge increases did occur.
 - Committee members asked questions regarding recharge components, types, style and recharge does not appear in the Scenario 3. Storage changes should be similar to all scenarios. Sustainable groundwater elevation conditions are difficult to see within these model areas especially in northwest and southwest zones with both unmodified and modified pumping rates.
 - Public comments included AG impacts from zero flow in some areas but not in others therefore is allocation implied or not? Previous pumpage from small ag groups was provided in 2014 but are not present and pumpage is incorrect. Reminder of modeling only scenarios was reiterated. 86% users flow will be reduced but what requires this and how? How can sustainability actually be achieved properly if needs are taken away from users. Scenario impacts are shown in domestic areas and why? Of important note, there is a timing response issue that may not be seen in the model results yet. TDS data and evapotranspiration changes

IWVGA TAC COMMITTEE
Meeting Report – June 20, 2019

due to increased outflow. Data information will be used for GSP item development. Direction from the GA Board regarding data usage within the GSP is needed.

- Implementation Options: Steve Johnson indicated there is no report today.
- Data Gap Status Report and TSS Update: Data Gap and TSS update was presented. 23 Binders are now available with some unknown well owners however, the number has been reduced and will continue as additional data is found. WellIntel coordination with private well owners was briefly discussed. Specific conductance data into properties nearby is extremely good and was kindly provided by individual owners' names and did not need to provide their names.
- Shallow Well impacts discussed by Jean Moran/Stetson.
 - Historic data from KCWA is always used and additional information received from private domestic well owners is going up and is helpful. 2010-2015 monitor well water elevation data is used and that time shows a 1ft decrease average.
 - Scenario impacts discussed and number of wells that cannot access are reduced in zones of greater recovery. Some wells must be fully recovered by redrilling.
 - Data information for validation of the estimated impacts was requested via a map showing predicted possible impact sites from the modeling. A proper forecast should be tied in also with timing for a well re-drilling if needed such as a rate of deduction.
 - Scenario 3 is the greatest impact on shallow well areas do to a more lengthy timing for pumpage reduction without additional importation or increased recharge.
 - Is a re-drilled replacement well within the recommended 100ft depth zone impacted by TDS changes? In response- the current analysis does not yet identify chemical data within depth zones for replacement wells, hence only an initial impact presented not secondary affects. Model data within the DRI historical information will be reviewed to evaluate depth impact within model layers used for this study.
 - Public comments include impacts about decline on some wells, questions on any danger using groundwater nearby TDS impacted locations and cumulative impact and accuracy in areas with different well usage amounts and depths and possible seismic influence- is north of faulting better and safer for your well?
- GSP Report Update:
 - Steve Johnson provided the update information and progress on GSP Sections 1 and 2 being completed. POAM updates are being completed and will be presented to the GA Board. All other updated items are on hold until new instructions from the GA Board members are provided and presented.
- Item 4: Future Agenda Items
 - No changes at this time but they may occur as needed for GSP requirements.

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Meeting Report – June 20, 2019

- Item 5: Future TAC Meeting Dates
 - Current future meetings scheduled for June 27th (the July replacement date) August 1st and September 5th.

- Item 6: Final WRM & TAC Announcements and Comments
 - WRM:
 - Steve Johnson suggested a moment of silence be given in remembrance of those who died during the World War II, D-Day of the Invasion of Normandy.
 - Derrick Hoffman thanked the committee for their labor, comments and suggestions. He asked Stetson to provide more input to the GA Board as an advisement opportunity for the GSP requirements needed swiftly and the TAC needs to be given more opportunity on issues to be discussed, observed and sufficiently involved to advise the board.
 - TAC Members:
 - Don Decker- Concurred with Derrick Hoffman on his comments.
 - Earl Wilson- Agreement with Hoffman comments and data presentations at the meetings. Requested the data for the next Agenda meeting be made available at an earlier time for review.
 - No additional comments from Don Quist, Stephan Bork, Scott O’Neil, Wade Major and Adam Bingham at this time.

- Item 7: Meeting adjourned around 3:13 pm.



To: Don Zdeba, General Manager – Indian Wells Valley Groundwater Authority

From: Jeff Simonetti, Sr. Vice President – Capitol Core Group

cc: Michael W. McKinney, Capitol Core
Todd Tatum, Capitol Core

Date: June 12, 2019

Subject: Project Update – May 2019

The following is Capitol Core Group's update for May 2019. This memo will serve as an overview of the activities that the firm completed during May.

**Task One –
Determination and Secure Sources of Imported Water Supplies**

Capitol Core has provided the Board with a preliminary and partial draft Technical Memorandum (Task 1, Subtask B) outlining potential imported water supplies. To develop that memorandum, have met with various water agencies, water banks and districts in order to provide IWVGA with a comprehensive picture of potential imported water supplies, water banking options, and delivery methodologies. Throughout the month, we met with eight water agencies, representatives of three water banks, and two transfer partners regarding the basin's water, storage and wheeling/transfer needs. The details of these meetings will either be included in the final Technical Memorandum or have been provided in the Addendum to the Project Monthly Report provided to you. These various entities have both water resources and banking capacity available now and over the short-term for the Board's consideration. Our current draft of the Technical Memorandum provides details of what potential water transactions are available, including potential pricing and structure. We are currently on-schedule to provide IWVGA the final draft of the Technical Memorandum on July 31, 2019. During the next month, we will continue to add options and refine the potential water resources and banking options that the Authority has available to consider.

**Task Three –
Identify and Secure Funding Sources**

Preparation of the Strategic Funding Plan (Task 3, Subtask B) continues. We conducted further discussions with Senator Gove's and Assembly Member Fong's staff about the project and potential funding requests. We also met with Congressman Paul Cook's staff regarding the project and applicable potential federal funding options. Capitol Core staff began conducting research at the State and federal level. Federal funding research included programmatic priorities contained within the current Energy & Water Development Act, Environment and Related Agencies, and Interior and Related Agencies bills. In addition, research into current water authorization vehicles occurred over the course of May. Qualified program areas were preliminarily discussed with EPA and Department of Interior staff. Lastly, we met with national industry association leadership to identify their legislative priorities and discuss potential opportunities for authorization amendments. Attached as an addendum to this Update Memorandum is a potential Bureau of Reclamation Water SMART grant for the Board's consideration at the June Board meeting. This is the only grant currently open that meets project guidelines. We will continue to review federal and State grant opportunities as they open for application.

Initial legislative briefings will continue through June 2019, and we plan to conduct our initial Washington, D.C. due diligence briefings with pertinent members of Congress and departmental staff in late June.

**Task 4 –
Board and Staff Meetings**

Jeff Simonetti was present for the May IWVGA Board meeting to answer any questions concerning project commencement. We are currently planning on attending (in-person) Board meetings on an as-needed basis and when key-milestones/deliverables are made. We are, however; always available to answer questions remotely (video or telephone) at any time. Should you have any questions, please give me a call at 909.568.5645 or via email at j.simonetti@capitolcore.com.



To: Don Zdeba, General Manager – IWVGA

From: Jeff Simonetti, Sr. Vice President

cc: Michael W. McKinney, Partner
Todd Tatum, Partner
Colleen Newman, Sr. Advisor

Date: June 10, 2019

Subject: Addendum to Project Monthly Report
WaterSmart Grants Program: FOA: BOR-DO-19-F006

The following grant opportunity is being provided for IWVGA's consideration outside of the scheduled Strategic Funding Plan as the application deadline requires an immediate decision by the Authority. This memorandum requests direction from the Authority to pursue development of the grant application and submit before the July 30, 2019, deadline (<60-days).

Scope of Work

Capitol Core Group's Scope of Work requires development of a comprehensive Strategic Funding Plan (Task 3) to be provided for the Board's consideration within 180-days. This Strategic Funding Plan will outline all potentially available Federal and State funds to meet the infrastructure and other needs of IWVGA to meet SGMA compliance.

WaterSmart Grant Program

In 2009, Congress authorized the Department of Interior, U.S. Bureau of Reclamation (BOR) to develop energy and water efficiency programs designed to increase water supplies. Formerly known as "Challenge Grants" (2010-2015), the program was re-branded the "Sustain and Manage America's Resources for Tomorrow" ("SMART"). Through WaterSMART, BOR works cooperatively with states, tribes, and local entities as they plan for and implement actions to increase water supply through investments to modernize existing infrastructure and attention to local water conflicts.

For FY-2019, two WaterSMART program areas are ramping up efforts for the 50/50 cost-share basis grants. The Small-Scale Water Efficiency grants are for small-scale water management projects that have been identified through previous planning efforts. The Water and Energy Efficiency grant is focused on projects that result in quantifiable water savings and those which support broader water reliability benefits. The identified grant is included in the water and Energy Efficiency Grant program.

BOR-DO-19-F006

In late-May 2019, the BOR released Funding Opportunity BOR-DO-19-F006, which supports collaborative planning efforts to develop water markets that will proactively address water supply reliability and increase water management flexibility. Water markets between willing buyers and sellers can be used to help water users meet demands efficiently in times of shortage, thereby helping to prevent water conflicts. By encouraging collaboration and input to the planning process from a range of stakeholders, projects funded through this

FOA will expand the lines of communication between BOR and local stakeholders, helping to restore community trust.

The objective of this grant is to invite States, Indian tribes, irrigation districts, water districts, and other organizations with water or power delivery authority to leverage their money and resources by cost sharing with Reclamation to develop a water marketing strategy to increase water supply reliability. Applicants under this FOA may request funding to develop a water marketing strategy (project) to establish or expand water markets or water marketing activities. The terms “project” and “strategy” are used interchangeably and refer to the applicant’s proposed water marketing strategy project.

For the purposes of this FOA, “water marketing” refers to water rights transactions (e.g., the voluntary lease, sale, or exchange of water or water rights), or voluntary agreements governing water rights, water use, or water management (e.g., non-diversion agreements, dry-year options, and agreements governing groundwater recharge and storage), undertaken in accordance with state and Federal laws, between willing participants.

A “water marketing strategy” is a framework for implementation of water marketing activities. Development of a water marketing strategy must include:

- (1) Outreach and partnership building;
- (2) Scoping and planning activities (e.g., hydrologic, economic, legal and other types of analysis); and
- (3) Development of a water marketing strategy document describing how water marketing activities will be implemented.

Pilot activities integral to the development of a strategy (e.g., the movement of water on a pilot basis in compliance with applicable laws) can be included as an optional project component under scoping and planning activities.

Water marketing strategies that include participation by multiple stakeholders will be prioritized under this program to encourage more comprehensive plans that address issues important to different sectors (e.g., agricultural, municipal, commercial/industrial, tribal and environmental). Strategies that will provide significant benefits (e.g., meeting an important water supply need, meeting the needs of multiple sectors, or decreasing the likelihood of conflicts over water) will also be prioritized.

Given current budget constraints and competing priorities for limited funding, Reclamation does not expect to submit recommendations to Congress for authorizing legislation or appropriations for construction following the completion of a water marketing strategy. However, potential projects identified in a water marketing strategy may be considered for funding under one of several, competitive, WaterSMART funding opportunities, depending on the type of project, including Water and Energy Efficiency Grants, Small-Scale Water Efficiency Projects, and Drought Resiliency Project Grants, as long as the project meets all program and eligibility requirements.

Grant awards require the local agency to a 50/50 match of federal funds awarded. Projects with an anticipated completion date within two-years can be awarded up to \$200,000.00. Projects with an anticipated completion date of three-years can be awarded up to \$400,000.00. The grant allows for other grant funds to be utilized in conjunction with BOR funding.

Discussion

IWVGA has undertaken a unique approach to seeking imported water supplies and funding the necessary infrastructure to recharge the basin as part of its Sustainable Groundwater Plan. This includes a robust water marketing strategy that, in our opinion, meets the requirements of the BOR WaterSMART grant. The

objectives of the grant and the grant's eligibility requirements are very similar to those contained within Capitol Core Group's Scope of Work, Tasks 1 and 2.

IWVGA is investing \$130,200.00 to identify and seek imported water requirements during the FY19-20 budget cycle. The grant requires the local agency to match awarded amounts equally. It is our opinion, that existing funds can be used to demonstrate the local agency match requirements allowing IWVGA to leverage its existing investment for future water marketing expenditures in FY20-21 and FY21-22.

Capitol Core Group is currently on-time and on-budget for the project. This grant simply represents a leveraging opportunity for Authority to seek federal funding for additional water marketing tasks.

Items contained within Capitol Core Group's Scope of Work under Task 3 – "Identify and Procure Potential Funding Sources," are, in our opinion, ineligible for utilization of any award amount from the grant. Many of the items contained within this task require us to seek State and Federal funds through activities covered by California's Political Reform Act and the Federal Lobbying Disclosure Act as "lobbying activities." The grant expressly prohibits the utilization of awarded amounts for "lobbying activities." We have clearly delineated and identified those activities within Task 3 of our Scope of Work. Budgeted amounts, as approved by the Authority, are identified and can be easily separated from water marketing activities contained in our Tasks 1 and 2.

Many of the elements needed for the application are readily available but will require modification to meet the form and format of grant requirements. Minimal additional investment in the application process may be required by IWVGA (i.e. costs for a grant-writer). Our only concern in suggesting this grant application is the timeline. To meet the application deadline of July 30, 2019, significant resource allocation will need to take place over the next 50+ days. We are always concerned that short timeframes have the potential to diminish the quality of the application. Given the already developed elements, Capitol Core Group's resources, and Stetson Engineering's experience with WaterSMART grants, we believe that, if it is the desire of the Authority, we can effectively develop the application prior to the deadline.

The BOR WaterSMART grants program will be continued in FY20. We are uncertain if water marketing will remain a priority for the Bureau's grant awards. If the Authority decides to pursue this type of grant next year, we are also unsure about the impact of using existing investment, from this fiscal year, as the match requirement.

We look forward to your determination to seek this grant-funding opportunity. Should you have any questions, please call me at 909.568.5645.

