

# **Risk Management Committee Meeting**



YOUR BEST PROTECTION

ACWA JPIA Executive Conference Room  
2100 Professional Drive  
Roseville, CA 95661

Monday  
January 31, 2022  
10:00 A.M.

Chairman: Fred Bockmiller, Mesa Water District  
Vice Chair: Brent Hastey, Yuba Water Agency  
Eddie Gonzalez, Desert Water Agency  
Bob Kuhn, San Gabriel Basin Water Quality Authority  
Gaby Olson, Valley Center Municipal Water District  
John Weed, Alameda County Water District  
Tanesha Welch, Madera Irrigation District  
Dan York, Sacramento Suburban Water District



## **RISK MANAGEMENT COMMITTEE MEETING AGENDA**

[LINK TO ZOOM MEETING](#)

MEETING NO.: **661 516 2566**

PASSCODE: **1234**

ZOOM CALL IN No.: **(669) 900-6833**

### **Monday, January 31, 2022, 10:00 A.M.**

This meeting shall consist of a simultaneous Zoom teleconference call at the ACWA JPIA, 2100 Professional Drive, Roseville, CA 95661.

### **WELCOME**

### **CALL TO ORDER AND ANNOUNCEMENT OF QUORUM**

### **ANNOUNCEMENT RECORDING OF MEETING**

This meeting may be recorded to assist in preparation of minutes. Recordings will only be kept 30 days following the meeting, as mandated by the California Brown Act.

### **PUBLIC COMMENT**

Members of the public will be allowed to address the Risk Management Committee on any agenda item prior to the Committee's decision on the item. They will also be allowed to comment on any issues that they wish which may or may not be on the agenda. If anyone present wishes to be heard, please let the Chair know.

### **INTRODUCTIONS**

### **ADDITIONS TO OR DELETIONS FROM THE AGENDA**

Presenter

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#### **I. CONSENT AGENDA**

Bockmiller      \*      A. Approve the minutes of the meeting of February 9, 2021.

**1**

Bockmiller      B. Report on meetings attended on behalf of the JPIA.

## **II. RISK CONTROL DEPARTMENT UPDATE**

Flint/Advisors	* A. Report on Risk Control Department 2020/21 Fiscal Year Summary.	<b>6</b>
Flint	* B. Review Commitment to Excellence Webpage of Best Practices/ Resources.	<b>17</b>
Flint	C. Report on Summary Analysis of 2020/21 Risk Assessment Focus Areas.	<b>19</b>
Flint/Advisors	* D. Update on the 2021/22 Risk Assessment Focus Areas.	<b>20</b>
Flint/Bunde	E. Summary Loss Review.	<b>33</b>

## **III. ADMINISTRATION/TRAINING**

Crawford	* A. Training Update.	<b>34</b>
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## **IV. LOSS REPORTS**

Sells	* A. Review Claims Analysis for Liability, Property, and Workers' Compensation Programs.	<b>39</b>
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## **V. UPCOMING MEETING(S)**

Bockmiller	A. There are no additional meetings scheduled for the remainder of the year.	<b>73</b>
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## **ADJOURN**

\*Related items enclosed.

***Americans With Disabilities Act*** – The JPIA conforms to the protections and prohibitions contained in Section 202 of the Americans with Disabilities Act of 1990 and the Federal Rules and Regulations adopted in implementation thereof. A request for disability-related modification or accommodation, in order to participate in a public meeting of the JPIA, shall be made to: Terry Lofing, Administrative Assistant III, ACWA JPIA, PO Box 619082, Roseville, CA 95661-9082; telephone (916) 786-5742. The JPIA's normal business hours are Monday – Friday, 7:30 a.m. to 4:30 p.m. (Government Code Section 54954.2, subdivision. (a)(1).)

Written materials relating to an item on this Agenda that are distributed to the JPIA's Risk Management Committee within 72 hours before it is to consider the item at its regularly scheduled meeting will be made available for public inspection at ACWA JPIA, 2100 Professional Drive, Roseville, CA 95661-3700; telephone (916) 786-5742. The JPIA's normal business hours are Monday – Friday, 7:30 a.m. to 4:30 p.m.



Unapproved Minutes

## Risk Management Committee Meeting

ACWA JPIA Executive Conference Room  
2100 Professional Drive,  
Roseville, CA 95661  
(800) 231-5742

**February 9, 2021**

This meeting consisted of a simultaneous Zoom teleconference meeting at the ACWA JPIA, 2100 Professional Drive, Roseville, CA 95661, and remote sites.

### MEMBERS PRESENT

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Chairman: Fred Bockmiller, Mesa Water District  
Vice-chair: Brent Hastey, Yuba Water Agency  
Victor Fortenberry, Solano Irrigation District  
Eddie Gonzalez, Desert Water Agency (*left meeting at 11:00 a.m.*)  
Gaby Olson, Valley Center Municipal Water District  
John Weed, Alameda County Water District  
Tanesha Welch, Madera Irrigation District (*arrived at 9:45 a.m.*)  
Dan York, Sacramento Suburban Water District

### MEMBERS ABSENT

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Bob Kuhn, San Gabriel Basin Water Quality Authority

### STAFF PRESENT

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Chief Executive Officer/Secretary: Walter "Andy" Sells  
Thor Benzing, Senior Risk Control Advisor  
Mathew Bunde, Senior Risk Control Advisor  
Chimene Camacho, Executive Assistant to the CEO  
Sarah Crawford, Training Specialist  
Cassie Crittenden, Human Resources Specialist  
Jesse Cota, Senior Risk Control Advisor  
David deBernardi, Director of Finance  
Robin Flint, Risk Control Manager  
Robert Greenfield, General Counsel  
Peter Kuchinsky II, Lead Risk Control Advisor  
Debbie Kyburz, Lead Member Services Representative  
Terry Lofing, Administrative Assistant III (*Recording Secretary*)  
Jennifer Nogosek, Liability/Property Claims Manager  
Lee Patton, Senior Risk Control Advisor  
Sylvia Robinson, Publications and Web Editor  
Jillian Sciancalepore, Administrative Assistant I

Patricia Slaven, Director of Human Resources and Administration  
 Dan Steele, Finance Manager  
 Karen Thesing, Director of Insurance Services  
 Melody Tucker, Workers' Compensation Manager  
 Chuck Wagenseller, Cost Estimator/Risk Control Advisor  
 Nidia Watkins, Member Services Representative II

## **OTHERS IN ATTENDANCE**

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Jack Burgett, North Coast County Water District  
 E.G. "Jerry" Gladbach, Santa Clarita Valley Water Agency  
 Thomas A. Cuquet, South Sutter Water District  
 David Drake, Rincon Del Diablo Municipal Water District  
 Tiffany Giammona, ACWA, Senior Director of Operations and Member Engagement  
 Carrie Guarino, Cucamonga Valley Water District, Finance and Audit Committee Chair  
 Melody McDonald, San Bernardino Valley Water Conservation District  
 Randall Reed, Cucamonga Valley Water District  
 J. Bruce Rupp, Humboldt Bay Municipal Water District  
 Pam Tobin, San Juan Water District

## **WELCOME**

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Chairman Bockmiller welcomed everyone in attendance.

## **CALL TO ORDER AND ANNOUNCEMENT OF QUORUM**

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Chairman Bockmiller called the meeting to order at 9:32 a.m. Chairman Bockmiller announced that there was a quorum.

## **ANNOUNCEMENT RECORDING OF MEETING**

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Chairman Bockmiller announced the meeting would be recorded to assist in the preparation of minutes. Recordings are kept for 30 days following the meeting, as mandated by the California Brown Act.

## **PLEDGE OF ALLEGIANCE**

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Chairman Bockmiller asked all to join him in the pledge of allegiance.

## **PUBLIC COMMENT**

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There was no public comment.

## **INTRODUCTIONS**

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Chairman Bockmiller introduced the new members of the Risk Management Committee Eddie Gonzalez, Desert Water Agency, and John Weed, Alameda County Water District.

## **ADDITIONS TO OR DELETIONS FROM THE AGENDA**

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Chairman Bockmiller asked for any additions to or deletions from the agenda. Staff had none.

## CONSENT AGENDA

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Chairman Bockmiller called for approval of the minutes of the March 20, 2019 meeting:

M/S/C (Hastey/Olson) (Bockmiller-Yes; Fortenberry-Yes; Gonzalez-Yes; Hastey-Yes; Olson-Yes; Weed-Yes; York-Yes): That the Risk Management Committee approve the minutes of March 20, 2019.

## REPORT ON MEETINGS ATTENDED ON BEHALF OF THE JPIA

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None reported.

## RISK CONTROL DEPARTMENT UPDATE

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### Review the Commitment to Excellence – Wildfire Loss Reduction Focus

Ms. Flint stated that wildfire prevention was added to the Commitment to Excellence (C2E) Program as a new loss reduction focus area. Wildfire prevention includes best practices for planning and coordination, staff training, facility protection and readiness, and response and recovery. Resource links were highlighted. Many of these resources are at no charge to our members. During the coming year, the Risk Management staff will continue to add more resources and best practices documents to our C2E webpage.

The Risk Management Committee asked about adding a pandemic response to the C2E. Ms. Flint shared possible new resources on pandemic preparedness may be considered for the Risk Control Manual and resources for C2E wildfire prevention.

### Risk Control Manual

Ms. Flint reviewed the Risk Control Manual (Manual) on the JPIA's website. She reported that the Manual was recently updated. These resources are referenced during risk assessment visits, consultation visits, and risk assessment reports. Every six months, these resources will be reviewed, and new resources will be added or revised.

### 2020/2021 Risk Assessment Focus Areas

In 2019, Risk Control staff recognized the need for a more uniform focus for our annual risk assessment visits with members. Risk Control staff focus is assisting members with the continuous improvement of their safety programs in addition to regulatory compliance.

Due to the pandemic, the Risk Management staff is conducting virtual risk assessment visits. To supplement the virtual visits, staff identified risk assessment focus areas to assist members with maintaining effective safety programs. The following focus areas were developed: *Reviewing the JPIA's Commitment to Excellence Program*, *Professional Development Program*, and the *Risk Control Manual*.

A comment was made by one Risk Management Committee member that their agency appreciates that the Professional Development Program classes were moved online. Having the classes available online makes it more accessible for their employees.

### Overview of the Risk Assessment Process

Ms. Flint highlighted the pre-risk assessment visit, what is covered during the risk assessment visit, and post-risk assessment visit. Each member is visited annually. The JPIA continues to support each member during the year with service plans, consultation visits, attend exercises at agencies, and regional safety meetings.

Mr. Kuchinsky, Lead Risk Control Advisor, provided an overview of the Risk Assessment process held with Rancho California Water District.

On November 9, 2020, the District had a fatality incident when a contractor fell from a tank. The JPIA was notified. The District's legal counsel investigated in case a claim was filed. The District reviewed their construction inspector procedures, risk transfer language, and reviewed their engineering controls in the contractor process.

The District shared their five-year capital improvement project which includes a review of their contractor safety program. The District is considering installing stairs and fixed guard rails on their tanks. The JPIA's risk advisor will continue to support this member with their risk management and safety programs.

## **LOSS REPORTS**

### Review Claims Analysis for Liability, Property, and Workers' Compensation Programs

Mr. Sells discussed the loss reports for the Liability, Property, and Workers' Compensation Programs.

#### Liability Program

The graph for the Liability Program Reported Losses per \$1 Million of Payroll was reviewed.

The graph for Occurrences per \$1 Million of Payroll was also reviewed. There has been a lot of growth in the Liability Program. This graph shows that claims are very stable.

#### Property Program

Reported Losses per \$100 Million of Insured Values graph was reviewed. The Occurrences per \$100 Million of Insured Values graph was reviewed. This graph shows a large claim in 2018/19 for the wildfires in Paradise, CA.

#### Workers' Compensation Program

The graph for Reported Losses per \$1 Million of Payroll was reviewed. The Workers' Compensation Program is very stable. The graph for Claims per \$100 Million of Payrolls was reviewed showing the Program is very stable. Claims continue to go down even though new members were added.

## **ADMINISTRATION/TRAINING**

### Training Update

Ms. Slaven referred to the training graphs in the packet. Since the pandemic, instructor-led training dropped off. Currently, the JPIA is not doing any instructor-led training. Course materials are being converted to virtual offerings where

applicable. The demand for online training is very high and is expected to continue. Members are seeing the value in online training.

### **UPCOMING MEETING(S)**

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There are no additional Risk Management Committee meetings scheduled for 2021.

Chairman Bockmiller called to adjourn the meeting.

M/S/C (Hastey/York) (Bockmiller-Yes; Fortenberry-Yes; Hastey-Yes; Olson-Yes; Weed-Yes; Welch-Yes; York-Yes): That the Risk Management Committee adjourn the meeting.

The Risk Management Committee meeting was adjourned at 11:59 a.m.



**ACWA JPIA**  
**Risk Control Department 2020/21 Fiscal Year Summary**  
**January 31, 2022**

**BACKGROUND**

The JPIA Risk Control Department provides on-site or virtual risk assessments, consultative service, loss reviews, and training services to JPIA members participating in our Workers' Compensation, Liability, and Property Programs. The Risk Control Department offers the following value-added services:

- Ready access to regionally located Certified Safety Professionals.
- Develop water industry "best practices" through our Commitment to Excellence Program.
- Assist member agencies with the implementation of safety and risk management programs.
- Provide ergonomic evaluations.
- Function as a resource for model safety and risk management programs, checklists, and best practices through our "best practices" and Risk Control Manual resources.
- Recognize employees for safety and loss reduction efforts through the H.R. LaBounty Safety Awards.
- Promote the Risk Control Grant Program designed to facilitate a strategic investment by a member's management team in their risk management and safety program projects or equipment and incentivize members to renew their Commitment to Excellence efforts to prevent or mitigate loss.

**CURRENT SITUATION**

Following is a summary update demonstrating the JPIA's core values and the Risk Control Department's efforts to provide service, support, and resources to members during the 2020/21 fiscal year.

**RECOMMENDATION**

None, informational only.

# JPIA Risk Control Grant Program

## Program Description



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### PROGRAM DEADLINES

***Applications may be submitted between October 1, 2021 and December 1.***

**Submit no later than December 1, 2021.**

**Approval notification: By March 1, 2022.**

### PURPOSE

The purpose of the JPIA's Risk Control Grant Program (Grant Program) is to promote the implementation of best practices that will prevent or mitigate losses in the JPIA's Workers' Compensation, General Liability, and Property Programs. The historical loss areas for these programs serve as the foundation for the best practices in the JPIA's Commitment to Excellence Program. The Grant Program will incentivize members to renew their Commitment to Excellence and review best practices applicable to their operations.

JPIA members are eligible for a grant of up to \$10,000 to fund their risk management and safety program projects or equipment. This is accomplished by funding specific one-time, non-routine risk management or loss control programs or activities that are intended to address those risks.

### ELIGIBILITY

- All JPIA members participating in at least two JPIA pooled programs: (Workers' Compensation, Liability, and/or Property Programs).
- The member has signed the Commitment to Excellence (C2E) Agreement.
- The member must have the C2E Agreement in place *before* submitting the Grant request, and it should accompany the Grant documents.
- Grant funds must be applied to best practices relevant to the pooled programs in which the member participates. This approach is consistent with the JPIA's Grant Program focus and supports other program elements such as the JPIA's H.R. LaBounty Safety Awards Program, ongoing risk assessments at member facilities,

consultative services to support a member's risk and safety programs, and onsite training delivery.

- The member must be current in their payment of premiums.

### **GRANT PROGRAM – COMMITMENT TO EXCELLENCE CATEGORIES**

The JPIA's Commitment to Excellence (C2E) Program Best Practices are detailed in the *Loss Reduction Focus Menus* and *Explanations* available on the JPIA's website. A partial list of grant ideas as outlined below.

C2E Loss Reduction	Coverage Program	Grant Ideas
Infrastructure-Wildfire	Liability, Property	<ul style="list-style-type: none"> <li>• Emergency plan for wildfire</li> <li>• Emergency equipment/supplies</li> <li>• Communication equipment</li> </ul>
Vehicle Operations	WC, Liability, Property	<ul style="list-style-type: none"> <li>• Vehicle equipment such as emergency strobes, high visibility stripes</li> <li>• Vehicle telemetries-GPS tracking</li> <li>• Smith System Train-the-Trainer or similar systems</li> </ul>
Water Line Failure	Liability, Property	<ul style="list-style-type: none"> <li>• Valve exercise/flushing program</li> <li>• Emergency response trailer</li> <li>• Underground line locating equipment and training</li> <li>• Fire hydrant check valve/flapper valve</li> <li>• Condition Assessment Study/Water Leak Study</li> <li>• Cathodic protection</li> </ul>
Cyber Security	Liability, Property	<ul style="list-style-type: none"> <li>• Cyber risk vulnerability testing</li> <li>• Incident response plan</li> </ul>
Ergonomics Program	Workers' Compensation	<ul style="list-style-type: none"> <li>• Ergonomic evaluations</li> <li>• Ergonomic Coordinator training</li> <li>• Ergonomic equipment purchase</li> <li>• Mobile workstation for trucks</li> <li>• Truck bed steps</li> </ul>
Employment Practices	Liability	<ul style="list-style-type: none"> <li>• Organizational consultant to offer coaching training/techniques for managers to better motivate or engage staff</li> <li>• Recruitment tracking software</li> <li>• Specialized training</li> <li>• HR software to track performance and document employee actions</li> </ul>

### **EXCLUSIONS (include but are not limited to):**

- Normal or routine maintenance projects or deferred maintenance, such as repair or serving equipment.
- Items normally covered in an operations budget.
- Projects deemed to be capital improvements. A capital improvement is defined as a non-recurring expenditure or any expenditure for physical improvements, including costs for

acquisition of existing buildings, land, or interests in land; construction of new buildings or other structures, including additions and major alterations; construction of streets and highways or utility lines; acquisition of fixed equipment; landscaping; and similar expenditures. It may mean any change, alteration, rearrangement, or addition to existing facilities. It is also new construction, acquisition, or improvements to sites, buildings, or service systems.

- Cost of labor (hiring personnel, wages including overtime). **Exception:** *Includes program, product, or service provided/performed by a certified, insured, licensed, and/or qualified individual or entity (i.e., Smith System Trainer, EPL specialized trainer, cyber vulnerability testing).*
- Non-safety work apparel.
- Expenditures for fines, penalties, and/or citations.

### **AWARD CRITERIA**

A proposed Grant Program application will be reviewed and scored according to the stated criteria:

- Defined scope, process, or performance objective(s) that have a high probability of increasing employee safety, enhancing risk control, or reducing loss exposure(s).
- The grant request must show a results-oriented impact that is measurable and identifiable.
  - ***Data demonstrating the reduction of risk will enhance the possibility of the grant.***
- Defined solution to increasing employee safety, enhancing risk control, or reducing loss exposure(s).
  - ***Grant requests utilizing the hierarchy of hazard control system (eliminate or minimize a hazard) are strongly encouraged.***
- Be an effective and sustainable risk management or loss control process or procedure.
  - ***Grant requests that may provide a unique or innovative solution and assist our members with risk management and loss control techniques are encouraged.***

### **APPLICATION AND SELECTION PROCESS**

The ACWA JPIA Risk Control Grant Program application must be prepared and responded to **fully**. All responses to questions are required; otherwise, the application will be deemed incomplete.

A Grant Program application must be submitted with adequate documentation to support the stated use of funds with a General Manager's signature.

Priority will be given to grant applications that:

- Applying Grant Program funds to a JPIA Commitment to Excellence Program category consistent with their pooled program participation. Applying the grants to the Commitment to Excellence categories ensures that funds are used on best practices tied to JPIA's primary loss drivers.

Grant Program applications will be distributed on a first approved basis. Ten grants will be awarded or until all eligible funds have been expended. Small, medium and large districts will receive two awards respectively; the remaining four awards will be merit-based.

Applications will be approved by March 1, 2022. Members will be notified of their grant application status.

### **REIMBURSEMENT OF EXPENDITURES**

Grant Program funds will be paid as reimbursements or initial investment for costs incurred within the scope of the project. To receive grant funding, the grant application must be submitted for projects ***initiated and completed within the fiscal year (10/1/21 – 9/30/22)***. Paid invoices and supporting documentation are required.

**Upon completion of the project, members shall provide a report to the Risk Management Committee and Executive Committee summarizing the project goals and results achieved.**

### **USE OF FUNDS CRITERIA**

Grant Program funds shall be used solely for the implementation of the project as defined in the Grant Application and consistent with the Risk Control Grant Program. Funds may not be expended or otherwise encumbered or used for any other purpose without ACWA JPIA's prior written approval.

Members are required to provide ACWA JPIA with immediate written notification of their inability to expend funds under the grant, in whole or in part, for the purposes as described in the Grant Application, or if any expenditure is made for any purpose other than those for which the grant was requested and approved. Additionally, if the deliverables are not completed within the designated milestones as approved, or if the project is not showing progress to achieve program goals within the grant funding, ACWA JPIA reserves the right to immediately discontinue, modify, or withhold any payments under this conditional grant award.

Members agree to give ACWA JPIA full access to all project-related information, data, and analytics the member has access to under this grant.

### **ACCOUNTABILITY PROCESS**

All grant fund awards are at the discretion of the JPIA, with the final decision by the JPIA CEO. The JPIA's Risk Control Manager will prepare an annual report on the grant fund utilization for presentation at the annual Risk Management Committee meeting.

## ACWA JPIA 2020/2021 Risk Control Grant Program Recipients



Members agree to update ACWA JPIA to review project progress and results, and share lessons learned and observations about the implementation and outcomes. Upon completion of the project, members shall provide a report to the Risk Management Committee and Executive Committee, summarizing the project goals and results achieved.

### Beaumont-Cherry Valley Water District (BCVWD) – Handheld Radio Communication

In 2020, BCVWD discovered during the El Dorado and Apple fires that vehicle two-way radio communication and reliance on cell phones were inadequate.

Although the staff was never in immediate danger during these fires, staff routinely work away from their vehicles, operating heavy equipment not equipped with radios, and in poor cellular coverage areas. BCVWD plans to provide staff with handheld Motorola Digital Licensed Frequency Radios to provide improved communication. The grant will aid this **administrative control** by providing funds to purchase a digital repeater that will deliver the frequency and range capabilities for the handheld radios. In addition to providing improved communication during emergencies, the handheld radios will improve the safety of staff working remotely and away from District vehicles.

Procedures and equipment that provide the most rapid and effective response to infrastructure failures and protect assets, is a *C2E Infrastructure Emergency Response* best practice. In addition to deploying handheld radios, BCVWD plans to track and report the impact of this equipment and its effects on staff communication during emergency events, remote work, and responses to potential mud/debris flow resulting from the past fires.

### Centerville Community Services District (CCSD) – Zone A1 Tank Emergency Generator

After multiple Public Safety Power Shutoff (PSPS) events and the Zogg Fire, CCSD identified the need to have reliable automatic backup power for its critical communication infrastructure located at its Zone A1 tank. This grant will help fund a MAPPS Solar Power System that will **eliminate** the need for staff to transport fuel or travel to the tank to operate equipment manually. The automatic backup power generator would ensure that critical systems function and provide operators with data and operational control. It would also **eliminate** the need to transport a mobile gas generator to the site.

## ACWA JPIA 2020/2021 Risk Control Grant Program Recipients

Determining and implementing a backup generator to ensure reliable service during outages due to wildfire or PSPS events, is a *C2E Wildfire Facility Protection and Readiness* best practice. Having this generator will aid in CCSD's ability to provide a safe and reliable water supply for public health and safety to ~4,100 people living in a high wildfire risk area. The automatic backup generator will also reduce the risk of improper equipment shutdown that could lead to hardware damage and data corruption.

### Desert Water Agency (DWA) – Valve Turning Equipment

Over the past ten years, DWA has recorded six strain/sprain injuries resulting from excessive manipulation of manual valves. DWA's Safety Officer and Construction Department Superintendents were tasked with finding a viable solution to eliminate or reduce the hazard inherent with manual valve turning. The Agency conducted a pilot test of Hurco hydro-mechanical valve turning equipment in 2019. When substituting the manual valve turning equipment with valve turning equipment, they found it simplified the process and greatly reduced the strains placed on the body when turning a valve. DWA will use this grant to purchase four Hurco Spin Doctor SD400 valve turners and power packs. The equipment will be mounted to four vacuum equipment trailers to increase the equipment's availability in the field.

Controlling ergonomic stress through **engineering controls** is a *C2E Ergonomic Operation Equipment* best practice. The Agency saw a 100 percent reduction in injuries commonly associated with manual valve turning in its pilot test. To demonstrate the effectiveness of the equipment, DWA plans to present an annual tabulation of valves exercised and related injuries that occurred to the board. DWA expects to see an increase in the number of valves exercised and maintained, with a significant decrease in injury and severity losses.

### Helix Water District (HWD) – Backsafe Field Ergonomic Training

In early 2020, HWD contracted with Dr. James Clapper, Future Industrial Technologies, to present their Backsafe Training. Before conducting the training, Dr. Clapper went into the field with the construction and valve crew members to observe them perform various tasks. From this observation, Dr. Clapper developed a classroom/hands-on training that included an obstacle course. This obstacle course utilizes the equipment and tools regularly used in the field by the HWD staff. The feedback from staff that completed this training was overwhelmingly positive.

With the onset of COVID-19 and the ensuing shutdown, additional classes could not be performed in person. Using this grant, HWD worked with Dr. Clapper to develop a "One Point Lesson" that includes interactive/participatory stretches and biomechanics specific to the District's construction and valve team tasks. This **administrative**



## ACWA JPIA 2020/2021 Risk Control Grant Program Recipients

**control** was combined with Dr. Clapper's two-hour Backsafe Training that 45 people completed and reinforced with a Backsafe stretching card. HWD's ability to adapt its Ergonomic Training program highlights how a member can provide an understanding to its staff of the factors contributing to ergonomic injuries and actions to mitigate those factors. This action is a *C2E Ergonomic Training* best practice.

### Majestic Pines Community Services District (MPCSD) – Security Upgrades at Remote Sites

After suffering a theft of a large generator at one of their well/filtration sites, MPCSD evaluated the controls that could be implemented to prevent future theft or aid with identifying perpetrators. MPCSD identified a combination of **engineering** and **administrative controls** consisting of a camera system that will alert staff when activated and provide additional lighting and signage. This grant will be used to acquire four Lorex LX1082-88 CCTV Security Cameras, 18 LePower Security Lights, and a 3G Cellular Trail camera that have been deployed across MPCSD sites.

Implementing cameras, lighting, and other controls to deter a threat or detect and delay a threat of theft is a *C2E Infrastructure - Theft/Vandalism* best practice. MPCSD expects these enhancements to make their sites a less attractive target, thereby reducing or eliminating unauthorized access to District facilities and reducing liability. MPCSD also purchased three 4G LTE GPS trackers placed on two vehicles and the emergency generator. They will aid in tracking down each asset in the event of future theft.

### Oakdale Irrigation District (OID) – Ground Penetrating Radar

OID currently operates and maintains over 330 miles of irrigation water distribution laterals, pipelines, and tunnels. It takes, on average, over 1,520 hours to annually inspect, repair, and maintain the distribution system. Additionally, it takes a team of five up to six days to pump out, inspect, document, excavate, and repair a complete line. When staff conducts these tasks, they are exposed to atmospheric, engulfment, temperature, and ergonomic hazards. OID will use this grant to purchase a ground-penetrating radar setup to reduce staff hazard exposure and improve the efficiency of conducting the inspections.

This **engineering control** will eliminate the hazards staff are exposed to when conducting inspections or identifying areas needing repair. Additionally, the ground-penetrating radar will improve the efficiency and quality of the inspection process. The setup requires one operator to deploy, rapidly locate metallic and non-metallic utility lines, and effectively produce reports. OID is improving its underground utility identification process with the ground-penetrating radar, an improvement that is a *C2E Construction Program* best practice.



## ACWA JPIA 2020/2021 Risk Control Grant Program Recipients

### Rancho California Water District (RCWD) – Mobile Generator Telemetry Project

As identified in the Woolsey Fire and Camp Fire After Action Reports, a recurring threat to water utilities is a lack of reliable backup power to water utility assets. In the wake of the 2018 Holy Fire and 2019 Tenaja Fire that threatened the services of the District, a need was identified to mitigate gaps in its current backup power strategy. RCWD uses a combination of stationary and mobile generators to power critical assets in the event of a PSPS or wildfire. When the mobile generator is placed into service, operators rely on the manufacture's fuel consumption estimates and periodic onsite checks to verify fuel and run status. The need to conduct onsite generator checks presents a risk to both the operators traveling into wildfire conditions and to the water service reliability.

RCWD used this grant to install SCADA telemetry on all eight mobile generators to mitigate this gap. The SCADA telemetry will provide remote access to the run and fuel status of each mobile generator. This **engineering control** is consistent with the 2019 [EPA Power Resilience Guide for Water and Wastewater Utilities](#). This guide recommends utilities connect generators to existing SCADA systems to increase utility resilience to power outages. Checking that generators are in working order is a *C2E Wildfire Prevention* best practice. This data will enhance communications regarding the resources needed and water suppression capabilities between the District and Riverside County EOC.

### San Dieguito Water District (SDWD) – Water Leak Detection Equipment

SDWD will use the 2020/21 grant to help aid in the acquisition and training on a Metrotech Water Leak Correlator C-3 Pro with eight correlating loggers. This equipment will enhance the SDWD leak detection program in two discrete ways. First, it will aid in pinpointing the exact location of a suspected leak and reduce the need to excavate a more extensive section of the system. Second, it will identify small leaks by way of the eight correlating loggers. The correlators are placed on select valves and left overnight during low flow water usage and less ambient noise.

SDWD will be improving its H2O loss monitoring, a *C2E Infrastructure* best practice, by implementing this leak detection equipment, thereby enhancing this **administrative control**. Through the early detection of leaks on water mains and services, the District will be able to detect small leaks and prevent them from escalating and resulting in flooding, property damage, and lengthy service interruptions. With this equipment, SDWD will move leak repairs from the emergency (reactionary) to the planned (proactive) activities. These planned repairs allow staff to notify customers in advance of water outages, install proper traffic control, and have the necessary parts and equipment on hand.

## ACWA JPIA 2020/2021 Risk Control Grant Program Recipients

### Scotts Valley Water District (SVWD) – Hydro Excavator

Starting in 2017, SVWD staff began looking into various types of hydro-excavating equipment to help reduce the potential hazards when excavating underground infrastructures. After considering its service area with narrow roads and hilly topography, a truck-mounted unity was identified. However, many truck-mounted units are large and require a commercial driver's license to drive, limiting who can operate the truck. With additional searching, a solution was identified. SVWD purchased a Ford F650 chassis and installed a Ring O Matic 550 hydro excavator on it.

The hydro excavator will **substitute** the need for a backhoe/excavator at every excavation, **eliminate** damage to other underground infrastructures, and reduce strain/sprain injuries by reducing physical exertion and shoveling. The reduction of ergonomic stress through engineering controls and equipment is a *C2E Ergonomic Operation Equipment* best practice. SVWD foresees that this equipment will aid in the efficiency of potholing and locating underground infrastructure and reduce backfill and asphalt costs.

### Vallecitos Water District (VWD) – Installing Grates on Hatches at MRF

VWD Meadowlark Reclamation Facility has approximately 30 floor hatches throughout the facility. Staff must open various hatches daily to check process conditions, measure sludge levels, and perform skimming operations. Each time a hatch is opened, it poses a fall hazard to staff. VWD will use the grant to install grating that will create a walking surface and allow work operation to continue when the hatches are open.

With this grant, VWD is installing a Fibergrate molded grate that will provide fall protection and is known for its corrosion resistance in harsh environments like that found at the reclamation facility. This fall prevention **engineering control** also provides slip-resistant and comes in at half the weight of a similarly sized steel grate. The nature of these grates allows an operator to observe the process and hose the area if necessary. Implementing guardrails and walkway protection is a *C2E Ergonomic/Fall Program* best practice.

### West Stanislaus Irrigation District (WSID) – Scissor Lift

To access, inspect, and maintain various equipment at heights ranging from 14 to over 20 feet, WSID relied on 15-foot A-frame ladders, 20-foot extension ladders, and a man basket connected to a forklift. A-frame ladders are used to check and change pump and motor oils weekly. Extension ladders and the man basket are used to inspect and maintain cranes, lights, and drainage at least quarterly. Due to the

## ACWA JPIA 2020/2021 Risk Control Grant Program Recipients

orientation of the equipment and the height needed to access them, some lights are left unchanged. The wide use of ladders and communication required when using the man basket poses various safety risks, including falls, to WSID staff.

WSID collaborated with PAPA Material Handling to specify a corrective piece of machinery to **eliminate** fall hazards associated with these tasks, reduce safety concerns, and quickly deploy at WSID sites. Together they identified a Genie GS-2032 electric self-propelled scissor lift. This **engineering control** will provide a stable work platform for staff when performing inspections and repairs not provided by existing options. Additionally, the lift can support two WSID staff when needed for a motor repair. Providing mechanical assistance through lifting devices to eliminate injuries from strains and overexertion is a *C2E Ergonomic Operation Equipment* best practice.

**ACWA JPIA**  
**Commitment to Excellence Webpage of Best Practices Resources**  
**January 31, 2022**

**BACKGROUND**

In October 2013, ACWA JPIA initiated its ***Commitment to Excellence Program***. The **Commitment to Excellence Program (C2E)** includes JPIA services, programs, and industry resources to assist the membership in reducing the frequency and severity of liability, property, and workers' compensation losses.

**CURRENT SITUATION**

The JPIA created a dedicated webpage to support the implementation of our Commitment to Excellence Program, Loss Reduction Focus Menus and Explanations Guide. This webpage is a comprehensive collection of over 200 best practices and resources supporting each C2E loss reduction category as follows:

- Vehicle Operations
- Construction
- Infrastructure
- Employment Practices
- Ergonomics/Falls
- Wildfire Prevention

Most resources are in Word or Excel formats and are designed to be edited for a member's operations. Risk Advisors promote the C2E best practices resources in communications to members, who are encouraged to review and individualize the many sample policies, programs, templates, and checklists.

**RECOMMENDATION**

None, informational only.

## The JPIA Commitment to Excellence

### Resources to Support the Implementation of Best Practices

ACWA JPIA created a dedicated webpage to support the implementation of our Commitment to Excellence Program (C2E).

**Access the new JPIA C2E Program webpage at <https://www.acwajpia.com/commitment-to-excellence/>**

This webpage is a comprehensive collection of over 200 resources supporting each C2E Loss Reduction category.

**Vehicle Operations**

**Employment Practices**

**Construction**

**Ergonomics/Falls**

**Infrastructure**

**Wildfire Prevention**

On this webpage, you will find checklists, standard operating guideline templates, industry webpage links, and resource documents provided by JPIA members.

Many of the checklists, standard operating guidelines, and sample templates on our C2E webpage are provided in MS Word or Excel formats and are fully customizable to each member's needs and exposures.

Questions about the Commitment to Excellence Program and its best practices resources can be directed to your assigned Risk Control Advisor or email [tlofing@acwajpia.com](mailto:tlofing@acwajpia.com).

#### JPIA Risk Control Advisors

*Northern California Region:* Robin Flint, Risk Control Manager; [rflint@acwajpia.com](mailto:rflint@acwajpia.com)  
 Thor Benzing, Senior Risk Control Advisor; [tbenzing@acwajpia.com](mailto:tbenzing@acwajpia.com)  
 Chuck Wagenseller, Risk Control Advisor; [tbenzing@acwajpia.com](mailto:tbenzing@acwajpia.com)

*Southern California Region:* Peter Kuchinsky, Lead Risk Control Advisor; [pkuchinsky@acwajpia.com](mailto:pkuchinsky@acwajpia.com)  
 Lee Patton, Senior Risk Control Advisor; [lpatton@acwajpia.com](mailto:lpatton@acwajpia.com)  
 Jesse Cota, Senior Risk Control Advisor; [jcota@acwajpia.com](mailto:jcota@acwajpia.com)

*Central Valley Region:* Matt Bunde, Senior Risk Control Advisor; [mbunde@acwajpia.com](mailto:mbunde@acwajpia.com)

**Webinar Notes:**

**ACWA JPIA**  
**Summary Analysis of 2020/21 Risk Assessment Focus Areas**  
**January 31, 2022**

**BACKGROUND**

Risk Control staff conduct annual risk assessment visits with members to obtain updates on member operations, review losses, identify areas for consultation, share best practices, and outline training goals within the next year. Staff also conduct onsite surveys of select facilities to assist members with identifying new or previously unrecognized hazards resulting from new operations, equipment, or facilities.

In 2019, Risk Control staff recognized the need for a more uniform focus for our annual risk assessment visits with members. Uniform focus area questions assist with assessing a member's risk management and safety program.

The goals of our annual focus areas are to support a member's risk management and safety programs, promote JPIA resources, and measure the effectiveness of risk reduction efforts. Measuring the effectiveness of a program and providing resources or support for improvement are leading indicators of safety and correlate to the JPIA's core value of *Innovation* through continuous improvement and adaptation by asking "What if?" and finding the best solutions.

**CURRENT SITUATION**

The 2020/21 risk assessment focus areas consisted of reviewing or reintroducing the JPIA's Commitment to Excellence Program, Professional Development Program, and the Risk Control Manual. A summary analysis is provided for review.

**RECOMMENDATION**

None, informational only.

**ACWA JPIA**  
**2021/22 Risk Assessment Focus Areas**  
**January 31, 2022**

**BACKGROUND**

Risk Control staff conduct annual risk assessment visits with members to obtain updates on member operations, review losses, identify areas for consultation, share best practices, and outline training deliverables for the next year. Staff also conduct onsite surveys of select facilities to assist members with identifying new or previously unrecognized hazards resulting from new operations, equipment, or facilities.

In 2019, Risk Control staff recognized the need for a more uniform focus for our annual risk assessment visits with members. Members are either anticipating many staff retirements in the next five years or are onboarding and training new staff. The Risk Control staff focus is assisting members with the continuous improvement of their safety programs in addition to regulatory compliance.

**CURRENT SITUATION**

The 2021/22 risk assessment focus areas are Recreation/Special Events, Volunteer Resolution, and Return-to-Work Program for industrial accidents. The Advisors will share best practices and JPIA resources to encourage members to update loss prevention practices. Highlights of risk assessment focus areas are attached and shared by staff.

**RECOMMENDATION**

None, informational only.



October 18, 2021

Ms. Jennifer Blackman, General Manager  
 Bolinas Community Public Utility District  
 P.O. Box 390  
 Bolinas, California 94924-0390

**RE: LIABILITY, PROPERTY, AND WORKERS' COMPENSATION RISK REVIEW**

Dear Ms. Blackman:

This letter is a follow-up to my visit to Bolinas Community Public Utility District (BCPUD) on September 22, 2021. The purpose was to obtain an update on District operations, review loss history, and evaluate for risk exposures. The District should be commended for its efforts in reviewing contract agreements and ensuring alignment with JPIA best practices. Please thank Stewart Oakander, Chief Operator, for his time and consideration. Below are highlights of our discussions and related ACWA JPIA resources.

**Loss History**

The District's loss history over the last five years was reviewed with emphasis on claims that occurred in the previous policy year. These claims have the most impact on pooled coverage costs; and can assist with identifying trends, training, and best practices for risk reduction efforts.

**Workers' Compensation**

The District had three claims, all previously discussed, in the last five years. Since the previous meeting, there have been some staff changes. With these changes comes an opportunity to review various loss prevention programs and procedures. One program, the District's Injury and Illness Prevention Program (IIPP), is recommended to be reviewed annually. As it may have been some time since the District staff reviewed the IIPP, I offered to conduct a review of the IIPP and provide feedback on potential changes that could be adopted to aid in the program's effectiveness. This review would also utilize the Cal/OSHA [IIPP Effectiveness questions](#) and help tie in JHA and inspections forms. Both tools are used to detect hazards and identify controls to mitigate these hazards.

**Liability and Property**

The District experienced no liability or property claims in the last five years.

**Property Program Change**

There have been recent changes to the Property Program for the new Program year. Only new acquisitions will be eligible for coverage past July 1, 2021. After July 1, 2021, existing assets exceeding \$100,000 may be considered for mid-year coverage. A full year's premium will be charged; no pro-rated payments will be accepted. This condition does not apply to vehicles or



Ms. Jennifer Blackman, General Manager  
Bolin Community Public Utility District  
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mobile equipment, which can continue to be updated throughout the year. For detailed questions about changes, don't hesitate to contact [Debbie Kyburz](#) in Member Services at (916) 786-5742.

### **Field Visit**

Before the site tour, I had the opportunity to review the benefits of a job hazard analysis (JHA) with the field staff. Staff then used a JHA form to identify potential hazards at the new irrigation pond pump equipment and discuss how to control these hazards. Some controls were already in place, while others, like painting the leading edge of the concrete a bright color, were identified.

Stewart then provided a tour of the District's wastewater ponds, water storage tanks, and water treatment facilities. It was explained during the visit to the tanks that there have been some issues with mice. It was suggested that the District might want to look at the [UC Statewide Integrated Pest Management Program](#) information for controlling mice and develop a strategy to manage them.

At the water treatment site, staff eliminated a potential trip and fall hazard near the clarifier tank. Staff removed the temporary cones and warning lines around the old grate and built a retaining wall with a permanent cover. Actions like these that eliminate a hazard make for a good [H.R. LaBounty Safety Award](#) nomination.



### **Volunteer Resolution**

In 1997, JPIA's Board of Directors approved a recommendation requiring all Liability Program members to adopt a resolution making volunteers subject to workers' compensation coverage. It was confirmed that the District did pass a volunteer resolution, No. 350, back in 1992.

Covering volunteers under workers' compensation has significant benefits. Workers' Compensation benefits are statutorily defined. Claims costs are usually significantly lower compared to liability lawsuits for the same injuries or illnesses. The claims are easier to control since litigation is generally avoided. Also, providing benefits to volunteer workers under the "no-fault" workers' compensation system can be seen as good public relations.

Ms. Jennifer Blackman, General Manager  
 Bolinas Community Public Utility District  
 October 18, 2021  
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### **Recreational Activity**

It was shared during the meeting that the District manages and maintains trails open to the public. It was good to hear that the District is looking to improve the trails near the wastewater ponds using grant funding. The District leases Mesa Park to the Firehouse Community Park Agency. The District should be commended for its actions to update contract language, coverage limits, and having in-house counsel review renewals of the lease agreement with the District. All these actions are best practices encouraged by JPIA.

For questions related to recreational and special events, please contact [Debbie Kyburz](#) in Member Services to discuss risk transfer language and best practices related to these activities. Member Services also provided [Risk Transfer](#) model language, and guidelines members are encouraged to review with their legal counsel before finalizing any contract or agreement.

### **Return-to-Work**

A return-to-work program is a set of protocols and guidelines to help injured workers reintegrate into their employment position after taking time off due to injury or illness. As soon as an employee is able, it is in everyone's best interest to return them to work in some capacity. Even if an injured employee can't return to their regular jobs right away, bringing them back as soon as possible by providing modified-duty tasks, in line with any medical restrictions, can help them recover faster, feel productive, and maintain work relationships. A return-to-work program can also help reduce workers' compensation costs.

JPIA has a sample [Return to Work Program](#) and [Interactive Policy](#) to aid members with developing and implementing their program. These samples can be found alongside other HR resources located on the JPIA's [Human Resources Best Practices](#) site. Please contact [Patricia Slaven](#) if there are questions related to these or any of the HR resources.

I want to thank Bolinas Community Public Utility District for its membership and participation in the pooled programs. Don't hesitate to contact me if you have questions or need further assistance. I can be reached at (530) 400-5629 or contact me via email at [tbenzing@acwajpia.com](mailto:tbenzing@acwajpia.com).

Sincerely,



Thor Benzing, CSP, CEAS II  
 Senior Risk Control Advisor

1018:tl

c: JPIA Member Services  
 JPIA Risk Management Committee  
 Grace Godino, JPIA Board Member



October 27, 2021

Mr. Daniel Jagers, General Manager  
 Beaumont-Cherry Valley Water District  
 P.O. Box 2037  
 Beaumont, California 92223-0937

**Re: Workers' Compensation, Liability, and Property Risk Assessment**

Dear Mr. Jagers:

On October 19, 2021, I visited Beaumont-Cherry Valley Water District and met with James Bean, Director of Operations, and Sabrina Foley, Human Resources Coordinator, to conduct a claims and program review. Please thank them for their time to meet with me. Also, please pass my thanks to Joe Haggin, Production Operator II, for facilitating site visits to several District locations.

**Loss Review**

The District's Experience Modification Rates (E-Mod) are currently 0.78 for Workers' Compensation (WC) and 1.16 for the Liability Program.

In the past five years, the District has experienced five workers' compensation claims that involved sprains and strains. In addition to training on VectorSolutions, there are several [Safety Factsheets](#) available on our website to assist with training for ergonomic exposures. The following can be used as toolbox topics:

- [Ergonomics Overview](#)
- [Sprains and Strains](#)

With vehicle claims being the top reported claim for both the Liability and Property Programs, we discussed that periodic defensive driving training can help to increase awareness while employees are behind the wheel of a District vehicle. In addition to regular in-person defensive driving training, the use of VectorSolutions or the JPIA's Safety Factsheets website page can help to increase awareness while employees are driving. The following Safety Factsheet topics are resources the District can use during safety meetings:

- [Distracted Driving](#)
- [Driving – Backing Safety](#)

**Risk Control Grant Program**

I want to again congratulate BCVWD for being awarded a Risk Control Grant. James informed me that the District has already purchased and installed the receiver and antenna for the single

Mr. Daniel Jagers, General Manager  
 Beaumont-Cherry Valley Water District  
 October 27, 2021  
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site digital UHF radio system. The system is proving to be a great addition for both general and emergency uses. Currently, this system is providing coverage to the entire District service area. This is a great example of going above and beyond when providing equipment to protect both employees and property.

### **Professional Development Program**

We discussed staff training opportunities through the JPIA's [Professional Development Program](#) (PDP). The PDP was developed to assist members and participants to improve supervisory level skills through three specialty areas: *Supervisor Basics*, *Human Resources*, and *Operations*.

Some key benefits include:

- The opportunity for employee growth and professional development.
- To improve specific supervisory skills related to the water industry.
- To reduce the potential for liability, property, and workers' compensation losses.

For more information, please visit our website or contact our Training Department at [training@acwajpia.com](mailto:training@acwajpia.com). Once JPIA in-person training is available again, I will schedule Cal/OSHA 10-hour classes at the District.

### **Risk Control Manual (RCM) and Commitment to Excellence (C2E)**

We discussed that the [Risk Control Manual](#) and [Commitment to Excellence](#) are resources that members can use when developing or updating policies for their Safety and Loss Control Program. During our meeting, we reviewed the following sections of the Risk Control Manual:

#### **Risk Control Manual**

- **Section 15 Forms and Checklists** – Several sample checklists are provided, including the [JPIA Sample Vehicle Self-Inspection Form](#).
- **Section 16 Ergonomics** – Best practices like utilizing the [Ergonomics Site Survey Worksheet](#) to identify hazards and implement corrections.

#### **Commitment to Excellence**

- **Ergonomics** – We discussed the use of the [reference catalog](#) to evaluate equipment for employees.

### **Recreation and Special Events**

The District currently leases property where Bogart Park is located to Beaumont-Cherry Valley Recreation and Park District. With RV camping and potential special events being held at the Park, I recommended to Sabrina and James that they review the current risk transfer agreement and insurance requirements with [Debbie Kyburz](#), JPIA Lead Member Services Representative, to ensure the District is properly covered. We also reviewed best practices on [recommended insurance requirements and indemnification clauses](#) found on the JPIA's website.

### **Volunteer Resolution**

The District currently has a Volunteer Resolution that was adopted in 1997. Although the District currently does not use volunteers, we did review the importance of having a Volunteer Resolution in place as it is a requirement for being in the Liability Program. We also reviewed visitor waivers,

Mr. Daniel Jaggers, General Manager  
 Beaumont-Cherry Valley Water District  
 October 27, 2021  
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especially for minors in case, the District wants to bring on High School interns. I have enclosed an example of a wavier for minors visiting the District.

### **Return-to-Work Program**

We also talked about a Return-to-Work Program for the District. Sabrina mentioned that currently the District does not have a Return-to-Work policy but would like to work with the JPIA to develop one. The JPIA has a sample [Return-to-Work Program](#) that BCVWD can use as it develops its program. For additional support, please contact [Patricia Slaven](#), JPIA Director of Human Resources and Administration.

### **Site Visits**

Finally, we visited the following sites during my visit:

- Upper Edge Tank
- Lower Edge Tank
- Bogart Park
- Noble Reservoir

All sites visited were well maintained and secure. Joe Haggin escorted me to all the sites we visited and did a great job explaining the functions of each site.

During our visit to the Upper/Lower Edge Tanks and Noble Reservoir, Joe and I discussed fall protection systems, since James informed me that the District is in the process of purchasing new ladder safety devices for all tanks and reservoirs. At each site, Joe and I discussed periodic inspections and the importance of inspecting items like fall protection equipment and fire extinguishers.

In closing, it was a pleasure meeting with the Beaumont-Cherry Valley Water District team. Overall, the District is doing a very good job with its safety program, and I look forward to continuing to provide risk management services to BCVWD. As always, if you or your team have any questions, please contact me at (949) 433-0471 or [jcota@acwajpia.com](mailto:jcota@acwajpia.com).

Sincerely,



Jesse Cota, CSP  
 Senior Risk Control Advisor

1027:tl

Enc.: Minor's Waiver, Release, and Indemnity Agreement

c: James Bean, Director of Operations  
 Sabrina Foley, Human Resources Coordinator  
 JPIA Member Services  
 JPIA Risk Management Committee  
 Daniel Slawson, JPIA Board Member



October 27, 2021

Mr. Jerry Vilander, General Manager  
Serrano Water District  
18021 E. Lincoln Street  
Villa Park, CA 92861-6499

**Re: Workers' Compensation, Liability, and Property Risk Review**

Dear Mr. Vilander:

I visited Serrano Water District on October 21, 2021. The purpose was to conduct a claim and program review. I appreciate the opportunity to visit some of Serrano Water District's sites. Again, thank you for the opportunity to meet you, and please pass on my thanks to Vittorio Roggero, Business Manager; Mike Mastin, Water Treatment Operator; and Jeremy Scott, Maintenance Worker I, for their time during my visit.

**Loss Review**

The District's Experience Modification Rates (E-Mod) are currently .75 for workers' compensation (WC) and 1.46 for the Liability Program.

Although the District has not had a workers' compensation claim since 2015, ergonomic injuries are the leading types of claims submitted by districts. In addition to training on VectorSolutions, there are several [Safety Factsheets](#) resources available to assist with training for ergonomic exposures. The following can be used as toolbox topics:

- [Ergonomics Overview](#)
- [Sprains and Strains](#)

We also talked about ergonomic evaluations, and I agreed to come back in the next couple of months to conduct evaluations for office personnel.

SWD has not had a property claim since 2015, and only one liability claim (22-0214) since 2018. The claim was for a District truck backing into another vehicle while at a stop sign. We discussed that periodic defensive driving training can help to increase awareness while employees are behind the wheel of a District vehicle. In addition to regular in-person defensive driving training, the use of VectorSolutions or the JPIA's Safety Factsheets page can help to increase awareness while employees are driving. The following Safety Factsheet topics are resources the District can use during safety meetings:



Mr. Jerry Vilander, General Manager  
 Serrano Water District  
 October 27, 2021  
 Page 2

- [Distracted Driving](#)
- [Driving – Backing Safety](#)

### **Property Program**

Thank you for informing me that SWD is close to taking control of the PFAS Treatment Plant being constructed near Wells 3 and 5. Please contact [Nidia Watkins](#), JPIA Member Services Representative II, to ensure that the plant is properly added to the District's Property Schedule.

### **Program Contacts**

For detailed information regarding workers' compensation claims, please contact [Melody Tucker](#), JPIA Workers' Compensation Claims Manager. For detailed information regarding Liability and Property claims, please contact [Jennifer Nogosek](#), JPIA Liability and Property Claims Manager.

### **Risk Control Manual (RCM) and Commitment to Excellence (C2E)**

We discussed that the [RCM](#) and [C2E](#) are resources that members can use when developing or updating policies for their Safety and Loss Control Programs. During our meeting we reviewed the following sections:

- **Risk Control Manual**
  - **Section 15 Forms and Checklists** – Several sample checklists are provided, including the [JPIA Sample Reservoir Inspection Checklist](#).
  - **Section 16 Ergonomics** – Best practices like utilizing the [Ergonomics Site Survey Worksheet](#) to identify hazards and implement corrections.
- **Commitment to Excellence**
  - **Ergonomics** – We discussed the use of the [reference catalog](#) to evaluate equipment for employees.

### **Recreation and Special Events**

Currently, the District does not have any recreational activities being conducted at any of their properties. I recommend that if SWD holds any special events in the future at any of their properties, they should contact [Nidia Watkins](#) to review risk transfer agreements and insurance requirements.

### **Volunteer Resolution**

The District currently has a Volunteer Resolution that was adopted in 2005. Although the District currently does not use volunteers, we did review the importance of having a Volunteer Resolution in place as it is a requirement for being in the Liability Program. We also reviewed [visitor waivers](#) and the importance of having them when conducting activities for the public.

### **Return-to-Work Program**

We talked about a Return-to-Work Program for the District. Vittorio mentioned that currently, the District does not have a Return-to-Work policy. If the District decides to develop one, the JPIA has a sample [Return-to-Work Program](#) that SWD can use as it develops its program. For

Mr. Jerry Vilander, General Manager  
 Serrano Water District  
 October 27, 2021  
 Page 3

additional support, please contact [Patricia Slaven](#), JPIA Director of Human Resources and Administration.

### **Site Visits**

Finally, we visited the following sites during my visit:

- Howiler Treatment Plant
- Lockett Reservoir
- Smith Reservoir

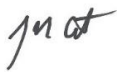
All sites I visited were well maintained and secure. Mike and Jeremy escorted me to all the sites we visited and did a great job explaining the functions of each site.

At the treatment plant, we discussed a best practice of having spill kits available wherever chemicals are being stored and used. We also talked about including the spill kits in the District's periodic inspections to ensure the kits are properly supplied. As part of the periodic inspections, I also recommended that the respirator storage unit be inspected to ensure that the respirator cartridges are not expired.

During our visit to the Lockett Reservoir, I reviewed with Mike and Jeremy the requirements of fall protection systems and discussed various options for fall protection for working at heights. Additional information was sent to Mike regarding fall protection requirements.

In closing, it was a pleasure conversing with you and your team. Overall, Serrano Water District is doing a very good job of being proactive with its safety programs to ensure its employees have a safe working environment. As the District continues to modify and update its programs, please do not hesitate to contact me with any questions. I can be contacted at (949) 433-0471 or [jcota@acwajpia.com](mailto:jcota@acwajpia.com). Again, thank you for your time and I look forward to continuing to provide risk management services to Serrano Water District.

Sincerely,



Jesse Cota  
 Senior Risk Control Advisor

1027:tl

c: JPIA Member Services  
 JPIA Risk Management Committee  
 Gregory Mills, JPIA Board Member





November 17, 2021

Mr. Thomas Greci, General Manager  
Madera Irrigation District  
12152 Road 28 1/4  
Madera, CA 93637-9199

**Re: Liability and Property Risk Assessment**

Dear Mr. Greci:

On November 3, 2021, I visited the District's office to conduct a risk assessment and share JPIA resources and loss control programs. The purpose was to obtain an update on District operations, risk control programs and review recent claims history. Please extend my appreciation to Tanesha Welch, Human Resources Administrator/Risk Manager, for her time. Below is a summary of my visit, as well as information on the JPIA's risk control programs.

**Facility Tour**

During my visit, we toured the shop and yard areas. The areas displayed good general housekeeping and were free of any obvious fire hazards at the time of my visit. Since my last visit, the District has improved the yard by adding a vehicle wash rack, confined space training area, break room for operations staff, and locker area in the shop.

**Loss Review**

The District had zero liability claims and four property claims in the 2020/21 coverage year. In addition to reviewing the previous year, the ACWA JPIA looks at losses over the last five coverage years. These claims have the most impact on insurance costs; and assist in identifying trends, training needs, and risk reduction efforts. The District experienced 14 liability claims and five property claims in the last five years. The District's liability experience modifier is currently 1.82. This is up from 1.18 in the previous year. Most of the claims involved canal failures and vehicle incidents.

Ground squirrels and pocket gophers are a common cause of canal failure for JPIA members. The [UC Statewide IPM Program](#) created a new no-cost virtual training, "*Managing Ground Squirrels and Pocket Gophers*" that has critical information that can assist irrigation districts in the mitigation of this hazard. For a small fee, Department of Pesticide Regulation (DPR) certification holders can receive continuing education units (CEU's).

Mr. Thomas Greci, General Manager  
 Madera Irrigation District  
 November 17, 2021  
 Page 2

The JPIA has the following vehicle [Safety Factsheets](#) that can be used during toolbox safety meetings:

- [Defensive Driving – Top Ten Tips](#)
- [Distracted Driving](#)
- [Backing Safely](#)

JPIA recently added online videos to our training resources. These can be accessed via our [Lending Library](#). If you are new to our Learning Management System, a [training video](#) is available to walk you through how to access these resources.

### **Program Contacts**

For detailed information regarding workers' compensation claims, please contact [Melody Tucker](#), JPIA Workers' Compensation Claims Manager.

For detailed information regarding Liability and Property claims, please contact [Jennifer Nogosek](#), JPIA Liability and Property Claims Manager.

This policy year, the JPIA's Risk Management team is reviewing *Recreational Activities* and *Volunteer Resolutions* with members.

### **Recreational Activities**

Recreational activities can pose additional risks and liabilities to members. The JPIA asks members to let us know of all recreational activities to ensure liability coverage provides sufficient protection and appropriate [risk transfer](#) is in place. In some cases, it may be necessary for additional [special events coverage](#). The District does not have any recreational facilities or special events at this time. Our Member Services department is available to review and provide recommendations on risk transfer measures, contracts, and waivers if needed. Please email [Debbie Kyburz](#) or call (800) 231-5742 for additional support.

### **Volunteer Resolution**

In 1997, the JPIA's Board of Directors approved a recommendation that requires all Liability Program members to adopt a resolution making volunteers subject to workers' compensation coverage. Section 3363.5 of the California Labor Code empowers public agencies to make this designation. This has significant benefits since workers' compensation benefits are statutorily defined. Claims costs are usually significantly lower compared to liability lawsuits for the same injuries or illnesses. The claims are easier to control since litigation is generally avoided. The district has previously adopted the program with Resolution No. 20-99. Currently, the District is not using volunteers.

### **Commitment to Excellence (C2E)**

We reviewed the [JPIA's C2E Program](#). The Program asks a member to review its current risk control practices to see where improvements could be made related to loss history and exposures in the following areas: *vehicle operations, construction, infrastructure, employment practices, ergonomics/falls, and wildfire prevention*.

Mr. Thomas Greci, General Manager  
Madera Irrigation District  
November 17, 2021  
Page 3

Districts who adopt the C2E Program are asked to implement best practices as needed to reduce losses and exposures. The District has currently not adopted this Program. Districts who adapt the program are eligible to apply for the [JPIA's Risk Control Grant](#).

I want to thank Madera Irrigation District for being an ACWA JPIA member. Please contact me if you have any questions or need further assistance. I can be reached at [mbunde@acwaipia.com](mailto:mbunde@acwaipia.com) or (661) 573-5110.

Sincerely,



Mathew Bunde, CSP  
Senior Risk Control Advisor

1117:tl

c: Tanesha Welch, HR Administrator/Risk Manager  
Charles Contreras, Chief Operations and Maintenance  
Carl Janzen, JPIA Board Member  
JPIA Risk Management Committee  
JPIA Member Services

**ACWA JPIA**  
**Summary Loss Review**  
**January 31, 2022**

**BACKGROUND**

Risk Control Advisors review monthly loss reports and conduct loss reviews on a member's individual claim that appears to be an unusual loss. An Advisor will review the loss, identify areas for member consultation then share best practices and JPIA risk control resources to assist with mitigating recurrence. Risk Advisors often present a summary loss review to the team to support one of the JPIA's core values of employee success equates to organizational success.

JPIA Risk Control staff focus on assisting members with the continuous improvement of their safety programs in addition to regulatory compliance.

**CURRENT SITUATION**

Mr. Mathew Bunde, Senior Risk Control Advisor, will provide a loss review to the Committee. The information provided is an overview of the collaborative and supportive partnership Risk Control staff have with our members throughout the year.

**RECOMMENDATION**

None, informational only.

**ACWA JPIA**  
**Training Update**  
**January 31, 2021**

**BACKGROUND**

Training is an integral part of reducing risk at member agencies.

**CURRENT SITUATION**

As the state continues to deal with the workplace impact of the COVID-19 pandemic, JPIA Training has focused on delivering robust online training options for its members. JPIA Risk Control Advisors and the Training Manager took advantage of the time to redesign and update content for numerous Human Resources, Supervisor-related, and Operations/Safety courses. With member employees operating between home offices and agency facilities and health/safety requirements varying throughout the state, delivery of quality online learning options continued in lieu of in-person training throughout 2021.

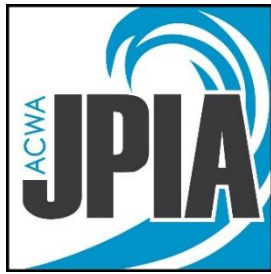
The number of courses completed on the VectorSolutions platform remained higher in 2021 at 3,000 per month average, versus the pre-pandemic average of less than 1,700. Similarly, live webinar participation continued to remain at higher levels with more live webinars being conducted through WebEx and Zoom. New options for online training resources were made available through the roll-out of over 50 online video options in the JPIA's Lending Library in July 2021, in addition to the growing catalog of library DVD resources.

Participants in the JPIA's Professional Development Program (PDP) persevered in their pursuit for certifications utilizing online training options, resulting in 39 program completions, by 26 employees, from 12 member agencies in 2021. The list of graduates follows this summary.

The following graphs tell the story of how the online learning options were in demand, especially live webinar training and events. The JPIA is well-positioned to meet the changing demands in member education, even in a pandemic, because of ongoing investments made in varying learning modalities over the years. The JPIA has partnered with additional vendors to purchase needed online options and will continue to expand virtual offerings via live, instructor-led courses, and eLearning while also optimistically focusing on safe, effective options for returning to the in-person classroom in 2022.

**RECOMMENDATION**

None, informational only.



## Congratulations JPIA Professional Development Program (PDP) 2021 Graduates!

(as of December 31, 2021)





The ACWA JPIA Professional Development Program (PDP) offers current, in-depth training and educational opportunities focused on giving JPIA member participants tools to perform their job safely, legally, and efficiently. Three specialty areas are offered: Human Resources (HR), Operations (OPS), and Supervisor Basics (SB). Each certification requires approximately 40 hours of education, including face-to-face training, online, and self-study options. Be sure to congratulate these members on their accomplishment and focus on professional development.

<b>Name</b>	<b>District</b>	<b>Specialties</b>
Adam Sevier	Buena Vista WSD	HR, OP & SB
Misty Anne Vasquez	Corcoran ID	SB
Lauren Smith	Indian Wells Valley WD	HR
Kirk Masters	Lower Tule River ID	SB
Adam Wright	Moulton Niguel WD	SB
Daniel Reed	Moulton Niguel WD	HR
Frank Graham	Moulton Niguel WD	SB
Matthew Smith	Moulton Niguel WD	HR, SB
Michael Bishop	Moulton Niguel WD	SB
Ronald Laguitan	Moulton Niguel WD	SB
Cody Scott	Sacramento Suburban WD	HR
Gregory Bundesen	Sacramento Suburban WD	HR, SB, OP
Tom Dickinson	Sacramento Suburban WD	SB

*(continued on next page)*

<b>Name</b>	<b>District</b>	<b>Specialties</b>
William Sadler	Sacramento Suburban WD	HR, OP & SB
Dave Dungan	San Benito County WD	OP
Laures Stiles	San Luis & Delta-Mendota WA	HR
Jonathan Larson	Three Valleys MWD	OP
Alanna Diaz	Walnut Valley WD	HR, OP & SB
Chason Snyder	Walnut Valley WD	OP & SB
Ginger Han	Walnut Valley WD	HR
Josh Byerrum	Walnut Valley WD	HR & SB
Melanie Trevino	Walnut Valley WD	HR & SB
Shawna Seals	Walnut Valley WD	SB
Teofilo Pasillas	Walnut Valley WD	HR & OP
Patricia Mairena	Westborough WD	HR
Joel Bravo	Western Municipal WD	SB

**JPIA Training  
Attendees and Course Completions  
FY 2018 to 2021**

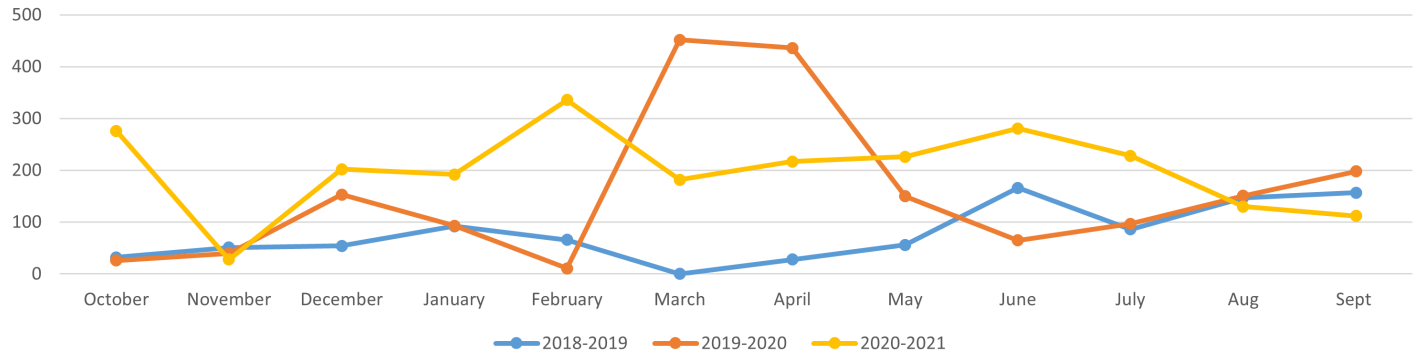
Mode of Training	In Person (Classroom)	WebEx Training (Webinar/Virtual Instructor-Led)	VectorSolutions (eLearning)	JPIA Prosperity (eLearning)
				
<b>Oct to Sept 2018- 2019</b>	<b>6,523</b> Attendees	<b>935</b> attendees**	<b>20,067</b> course completions	<b>456</b> course completions
<b>Oct to Sept 2019-2020</b>	<b>3,956</b> attendees*	<b>1,872</b> attendees**	<b>33,421</b> course completions	<b>459</b> course completions
<b>Oct to Sept 2020 - 2021</b>	<b>0</b> Attendees	<b>2,410</b> attendees**	<b>33,798</b> course completions	<b>825</b> course completions

\*Total In-Person Classes Conducted Pre-COVID19: *FY 2018-2019 (352), FY Oct 2019-Mar 2020 (252)*

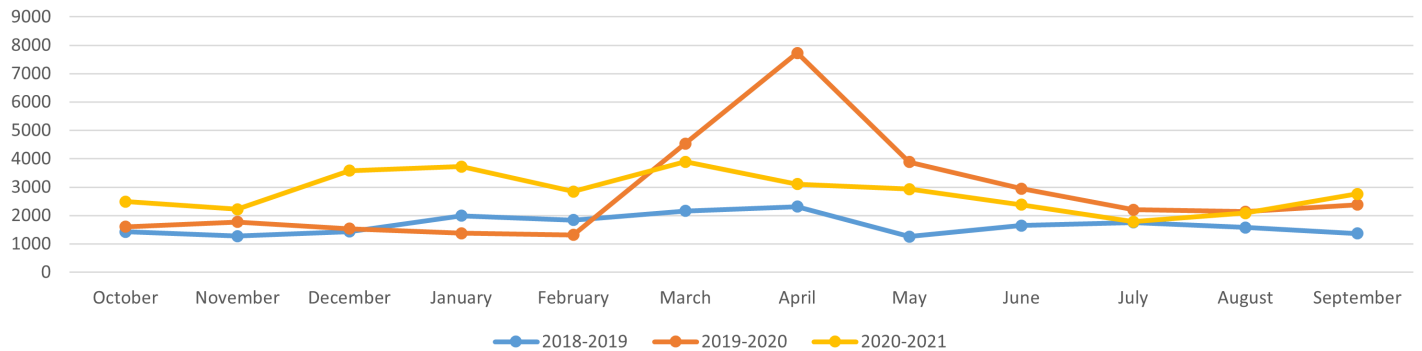
\*\*Total Live webinars in *FY 2018-2019 (19), FY 2019-2020 (33), FY 2020-2021 (60)*



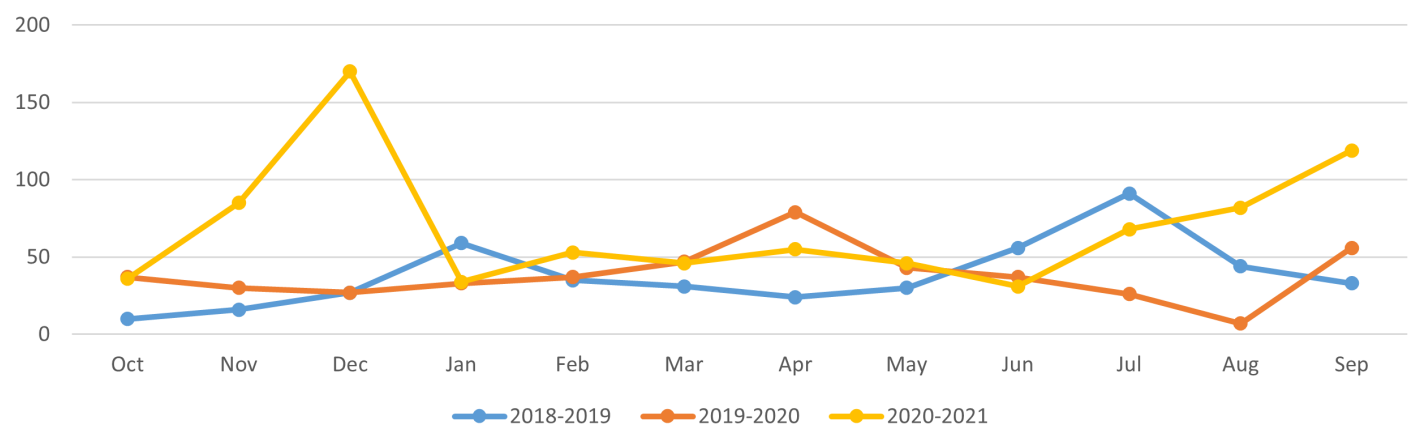
**JPIA Live Webinar/Virtual Instructor-Led Attendees  
FY Oct-Sept 2018-2021**



**JPIA VectorSolutions Course Completions  
FY Oct to Sept 2018-2021**



**JPIA ELearning (Prosperity) Course Completions  
FY Oct to Sept 2018-2021**



**ACWA JPIA**  
**Claims Analysis for the**  
**Liability, Property, and Workers' Compensation Programs**  
**January 31, 2022**

**BACKGROUND**

The claims history for the JPIA has been very favorable for the past several years. Past reports have included graphs tracking the history of each program by policy year.

**CURRENT SITUATION**

The current reports reflect the same general trend patterns as past reports. The notable exceptions include the 2018/19 policy years for both the Liability and Property Programs. Each program will be reviewed, and the trends and variances will be discussed.

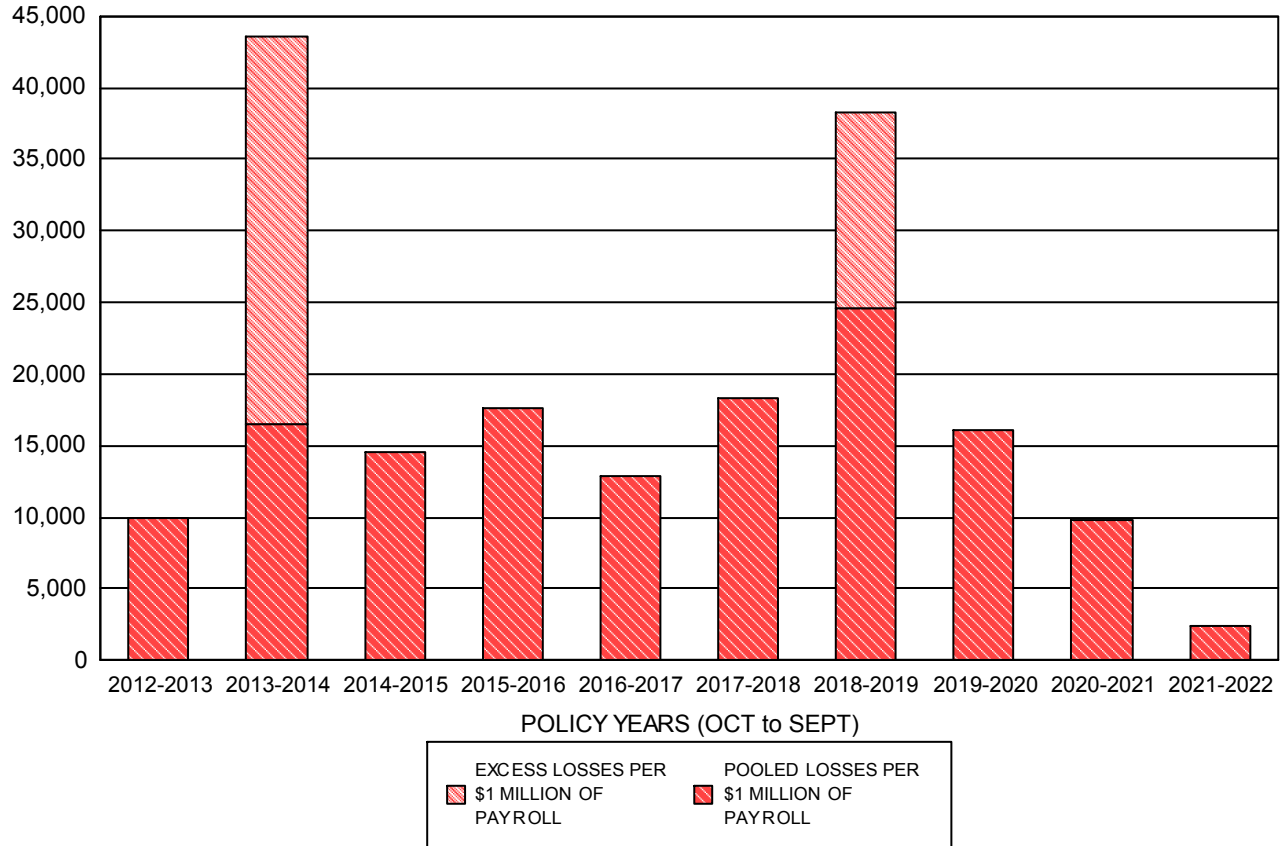
**RECOMMENDATION**

None, informational only.

# ACWA JPIA - LIABILITY PROGRAM

## REPORTED LOSSES PER \$1 MILLION OF PAYROLL FOR MONTH ENDING 12/31/2021

40



PROGRAM YEAR (10/1)	# OF MEMBERS	SELF INSURED RETENTION	POOLED LOSSES	EXCESS LOSSES	TOTAL LOSSES	ACTUAL PAYROLL	POOLED LOSSES PER \$1 MILLION OF PAYROLL	TOTAL LOSSES PER \$1 MILLION OF PAYROLL
2007-2008	285	1,000,000	3,566,530	0	3,566,530	436,649,863	8,168	8,168
2008-2009	284	1,000,000	6,432,507	7,365,359	13,797,866	435,872,180	14,758	31,656
2009-2010	285	1,000,000	5,122,798	49,508	5,172,306	445,710,401	11,494	11,605
2010-2011	286	1,000,000	4,983,531	0	4,983,531	451,207,328	11,045	11,045
2011-2012	292	2,000,000	7,310,419	0	7,310,419	459,712,593	15,902	15,902
2012-2013	293	2,000,000	4,648,432	0	4,648,432	467,699,841	9,939	9,939
2013-2014	291	2,000,000	7,995,529	13,122,587	21,118,116	484,457,504	16,504	43,591
2014-2015	292	2,000,000	7,284,406	0	7,284,406	499,915,511	14,571	14,571
2015-2016	294	2,000,000	9,156,252	0	9,156,252	520,745,561	17,583	17,583
2016-2017	303	5,000,000	7,121,409	0	7,121,409	552,994,889	12,878	12,878
2017-2018	319	5,000,000	10,638,257	133	10,638,390	583,084,351	18,245	18,245
2018-2019	332	5,000,000	17,190,531	9,500,000	26,690,531	698,450,703	24,612	38,214
2019-2020	337	5,000,000	11,920,545	0	11,920,545	743,120,799	16,041	16,041
2020-2021	339	5,000,000	7,551,721	0	7,551,721	769,849,665	9,809	9,809
2021-2022	339	5,000,000	473,843	0	473,843	789,564,140	2,401	2,401

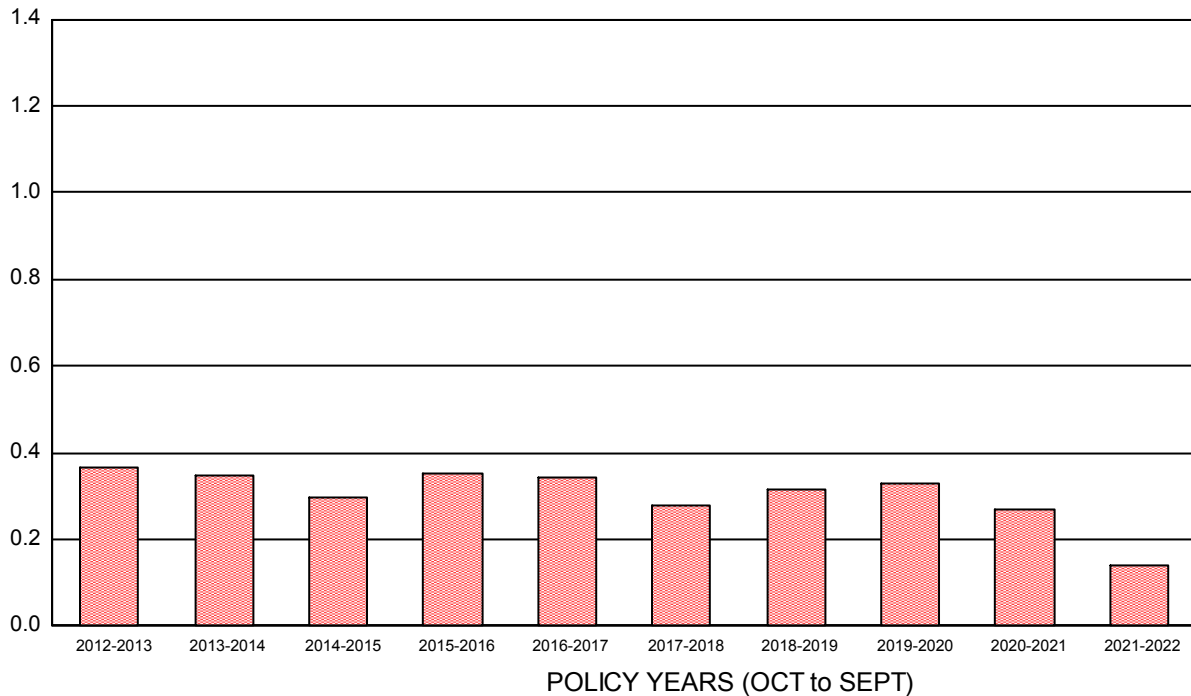
- Latest Policy Year's 'Losses' include partial activity.

- Latest Policy Year's 'Losses Per \$1 Million of Payroll' have been annualized using 3 months data.

# ACWA JPIA - LIABILITY PROGRAM

## OCCURRENCES PER \$1 MILLION OF PAYROLLS REPORT

### FOR MONTH ENDING 12/31/2021



PROGRAM YEAR (10/1)	NUMBER OF OCCUR	ACTUAL PAYROLLS	HISTORICAL INCREASE	INFLATION ADJUSTMENT FACTOR	INFLATION ADJUSTED PAYROLLS	# OF OCCURRENCES PER \$1 MILLION OF INFLATION ADJUSTED PAYROLLS
2007-2008	228	436,649,863	4.3%	1.309	571,587,981.53	0.40
2008-2009	189	435,872,180	0.0%	1.255	547,046,952.36	0.35
2009-2010	198	445,710,401	0.0%	1.255	559,394,537.04	0.35
2010-2011	255	451,207,328	0.5%	1.255	566,293,525.33	0.45
2011-2012	181	459,712,593	3.5%	1.249	574,097,678.75	0.32
2012-2013	207	467,699,841	2.2%	1.207	564,321,066.42	0.37
2013-2014	199	484,457,504	1.3%	1.181	571,957,595.79	0.35
2014-2015	174	499,915,511	2.0%	1.165	582,633,311.95	0.30
2015-2016	210	520,745,561	1.0%	1.143	595,009,780.15	0.35
2016-2017	215	552,994,889	2.0%	1.131	625,602,205.80	0.34
2017-2018	179	583,084,351	2.9%	1.109	646,708,200.28	0.28
2018-2019	236	698,450,703	3.4%	1.078	752,830,778.14	0.31
2019-2020	256	743,120,799	2.6%	1.042	774,641,011.03	0.33
2020-2021	210	769,849,665	1.6%	1.016	782,167,259.40	0.27
2021-2022	28	789,564,140	5.3%	1.000	789,564,140.06	0.14

- Latest Policy Year's 'Number of Occur' include partial activity.
- Latest Policy Year's '# Of Occurrences Per \$1 Million of Inflation Adjusted Payrolls' has been annualized using 3 months.
- Payrolls Adjusted for Inflation - CNP's Omitted - Small Claims Included.
- Factor based on CPI for West Coast from US Dept of Labor

**ACWA JPIA - LIABILITY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000  
FOR MONTH ENDING 12/31/2021**

**42**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1982-1983</b>					
045137	03/01/1983	Arvin-Edison Water Storage District	Flooding	Closed	3,140,032
037514	03/01/1983	Kern Delta Water District	Flooding as a result of canal bank break	Closed	609,333
<b>TOTAL</b>					<b>3,749,366</b>
<b>POLICY YEAR 1984-1985</b>					
051301	12/01/1984	Ramona Municipal Water District	Reparian rights dispute over water storage in reservoir	Closed	810,926
052420	05/17/1985	Ramona Municipal Water District	Construction dispute with contractor	Closed	937,355
<b>TOTAL</b>					<b>1,748,281</b>
<b>POLICY YEAR 1985-1986</b>					
040892	02/18/1986	American River Flood Control District	Flooding as a result of heavy rainfall	Closed	975,003
059596	04/01/1986	San Bernardino Valley Water Conservation District	City owned streets damaged by recharge operations	Closed	4,361,817
040275	03/01/1986	Westlands Water District	District's failure to provide tailwater drainage resulted in damage to crops	Closed	503,995
<b>TOTAL</b>					<b>5,840,816</b>
<b>POLICY YEAR 1986-1987</b>					
063825	08/25/1987	Rancho California Water District	District groundwater pumping operations damaged property	Closed	4,746,888
<b>TOTAL</b>					<b>4,746,888</b>
<b>POLICY YEAR 1987-1988</b>					
029044	07/28/1988	Desert Water Agency	Auto accident with 3 people seriously injured	Closed	1,431,704
047976	02/22/1988	Kern Delta Water District	Herbicide overspray damaged crops	Closed	1,032,604
067446	06/15/1988	Trabuco Canyon Water District	Negligent administration resulted in personal injury	Closed	935,995
<b>TOTAL</b>					<b>3,400,303</b>
<b>POLICY YEAR 1988-1989</b>					
057674	10/01/1988	Fallbrook Public Utility District	Flooding as result of improper maintenance of valve	Closed	521,631
049235	08/09/1989	Friant Water Users Authority	Auto accident forced claimant vehicle into canal severe injury to driver	Closed	1,100,655
<b>TOTAL</b>					<b>1,622,286</b>
<b>POLICY YEAR 1989-1990</b>					
001026	05/26/1990	Montecito Water District	Flooding as a result of diversion of rainfall runoff by District facilities	Closed	1,299,126
057798	03/01/1990	Rainbow Municipal Water District	District's failure to supply sewer service resulted in diminished property values	Closed	975,313
<b>TOTAL</b>					<b>2,274,439</b>

**ACWA JPIA - LIABILITY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000  
FOR MONTH ENDING 12/31/2021**

**43**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1990-1991</b>					
100586	02/25/1991	Elsinore Valley Municipal Water District	Flooding of vacant land as a result of water releases by District	Closed	610,339
100345	10/01/1990	Vandenberg Village Community Services District	Contaminated water	Closed	588,174
<b>TOTAL</b>					<b>1,198,512</b>
<b>POLICY YEAR 1992-1993</b>					
101220	01/16/1993	Rancho California Water District	Flooding as a result of water main line break	Closed	641,994
100929	01/09/1993	Yorba Linda Water District	Flooding as a result of water main line break	Closed	1,210,438
<b>TOTAL</b>					<b>1,852,432</b>
<b>POLICY YEAR 1993-1994</b>					
101883	08/29/1994	Alta Irrigation District	Seepage from District canal damaged orchards	Closed	1,967,923
101638	01/25/1994	North of the River Municipal Water District	Wrongful termination based upon ag discrimination	Closed	668,412
<b>TOTAL</b>					<b>2,636,335</b>
<b>POLICY YEAR 1994-1995</b>					
96-2270	08/25/1995	Association of California Water Agencies JPIA	Wrongful termination based upon alleged retaliation	Closed	5,407,402
102462	03/10/1995	Fresno Irrigation District	Flooding as a result of rainfall runoff backing up behind District canal banks	Closed	988,867
102170	04/10/1995	Kings River Conservation District	Flooding as a result of canal bank break	Closed	1,014,984
102729	03/30/1995	Las Virgenes Municipal Water District	Flooding as a result of water main line break caused by landslide	Closed	567,463
102314	06/10/1995	Madera Irrigation District	Seepage from canal damaged orchard	Closed	884,199
102240	05/17/1995	Walnut Valley Water District	Landslide allegedly caused by leaks from District main lines damaged homes	Closed	730,834
<b>TOTAL</b>					<b>9,593,749</b>
<b>POLICY YEAR 1995-1996</b>					
102934	05/23/1996	Elsinore Valley Municipal Water District	Water pipe leak damaged sand reserve	Closed	4,762,643
102728	12/13/1995	Kern Delta Water District	District headwall allowed rainfall to backup onto road contributing to the cause of an auto accident	Closed	1,519,767
97-3781	12/17/1995	Las Virgenes Municipal Water District	Wrongful termination based upon alleged racial discrimination and retaliation	Closed	711,150
<b>TOTAL</b>					<b>6,993,560</b>
<b>POLICY YEAR 1996-1997</b>					
103075	01/26/1997	Crestline Village Water District	Flooding as a result of water main line break	Closed	692,482
<b>TOTAL</b>					<b>692,482</b>

**ACWA JPIA - LIABILITY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000  
FOR MONTH ENDING 12/31/2021**

**44**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1997-1998</b>					
99-1171	06/24/1998	Elsinore Valley Municipal Water District	Wrongful termination based upon alleged retaliation	Closed	643,956
103686	04/10/1998	Las Virgenes Municipal Water District	Landslide allegedly caused by leaks from District main lines damaged homes	Closed	2,404,944
103621	01/15/1998	Merced Irrigation District	Claimants allege District facilities contributing to flooding around their property	Closed	1,721,859
<b>TOTAL</b>					<b>4,770,759</b>
<b>POLICY YEAR 1998-1999</b>					
00-1986	09/15/1999	Fresno Metropolitan Flood Control District	Auto accident with two serious injuries	Closed	885,976
99-1603	02/17/1999	Tahoe City Public Utility District	Sewer backup damaged restaurant and well	Closed	690,000
<b>TOTAL</b>					<b>1,575,976</b>
<b>POLICY YEAR 1999-2000</b>					
01-3179	01/01/2000	Santa Clarita Valley Water Agency	District sued several corporations for contamination of its aquifer. The corporations sued the District claiming that the District caused the contamination.	Closed	955,627
<b>TOTAL</b>					<b>955,627</b>
<b>POLICY YEAR 2001-2002</b>					
02-4265	06/07/2002	El Toro Water District	District mainline leaked water onto road contributing to cause of auto accident one serious injury	Closed	793,000
<b>TOTAL</b>					<b>793,000</b>
<b>POLICY YEAR 2002-2003</b>					
03-4901	02/10/2003	Camrosa Water District	Flooding as a result of water main line break	Closed	597,835
04-5381	01/21/2003	Rainbow Municipal Water District	Wrongful termination as a result of alleged retaliation	Closed	621,509
<b>TOTAL</b>					<b>1,219,344</b>
<b>POLICY YEAR 2003-2004</b>					
04-5607	10/09/2003	Citrus Heights Water District	Serious injury as a result of using District air bleed-off valve	Closed	3,100,000
<b>TOTAL</b>					<b>3,100,000</b>

**ACWA JPIA - LIABILITY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000  
FOR MONTH ENDING 12/31/2021**

**45**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2004-2005</b>					
06-7432	07/28/2005	Goleta Water District	Auto accident District driver hit bicyclist	Closed	859,332
06-7603	05/25/2005	Merced Irrigation District	A 4 year old boy fell into a District owned canal and drowned.	Closed	500,359
07-8252	09/11/2005	Palmdale Water District	Smith rendered quadriplegic as a result of auto accident at District job site.	Closed	500,000
08-9758	01/01/2005	Santa Clarita Valley Water Agency	Plntff contends that swale cut on District property above plntff's property caused rainfall runoff to travel downhill and damage the slope of plntff's property.	Closed	500,000
05-7191	05/16/2005	South Coast Water District	Landslide allegedly caused by leaks from District main lines damaged homes	Closed	6,900,000
05-7225	05/26/2005	Tulare Irrigation District	Flooding as a result of a break in berm damaged private property	Closed	1,011,038
06-7456	03/01/2005	Yorba Linda Water District	Clmnt alleges seepage from District water line trench caused a landslide that damaged his house.	Closed	500,000
<b>TOTAL</b>					<b>10,770,729</b>
<b>POLICY YEAR 2005-2006</b>					
06-8065	04/20/2006	Arvin-Edison Water Storage District	Flooding as a result of a break in berm damaged private property	Closed	823,053
06-8142	04/03/2006	Merced Irrigation District	Grimes canal broke during storm event and flooded numerous homes.	Closed	1,116,079
06-7929	12/09/2005	North Yuba Water District	Clmnt contends that he was wrongfully terminated from his job as District GM.	Closed	1,000,000
06-8199	06/18/2006	Orchard Dale Water District	Flooding as a result of water main line break	Closed	538,672
13-0458	03/01/2006	Rancho California Water District	Contends soil contamination causing illness, etc.	Closed	526,268
06-7817	01/25/2006	Sweetwater Authority	Flooding as a result of water main line break	Closed	975,799
<b>TOTAL</b>					<b>4,979,871</b>
<b>POLICY YEAR 2006-2007</b>					
09-0113	06/27/2007	Merced Irrigation District	Clmnt filed EPL claim with District in which he alleges racial discrimination and retaliation.	Closed	1,455,000
<b>TOTAL</b>					<b>1,455,000</b>
<b>POLICY YEAR 2007-2008</b>					
09-0563	07/15/2008	San Luis & Delta-Mendota Water Authority	Clmnt was driving a truck on the District's canal bank road. She ran a STOP sign at the intersection of the canal bank road and a main road and was struck by a truck. Both trucks went into the District canal and all occupants died.	Closed	996,826
<b>TOTAL</b>					<b>996,826</b>



**ACWA JPIA - LIABILITY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000  
FOR MONTH ENDING 12/31/2021**

**46**

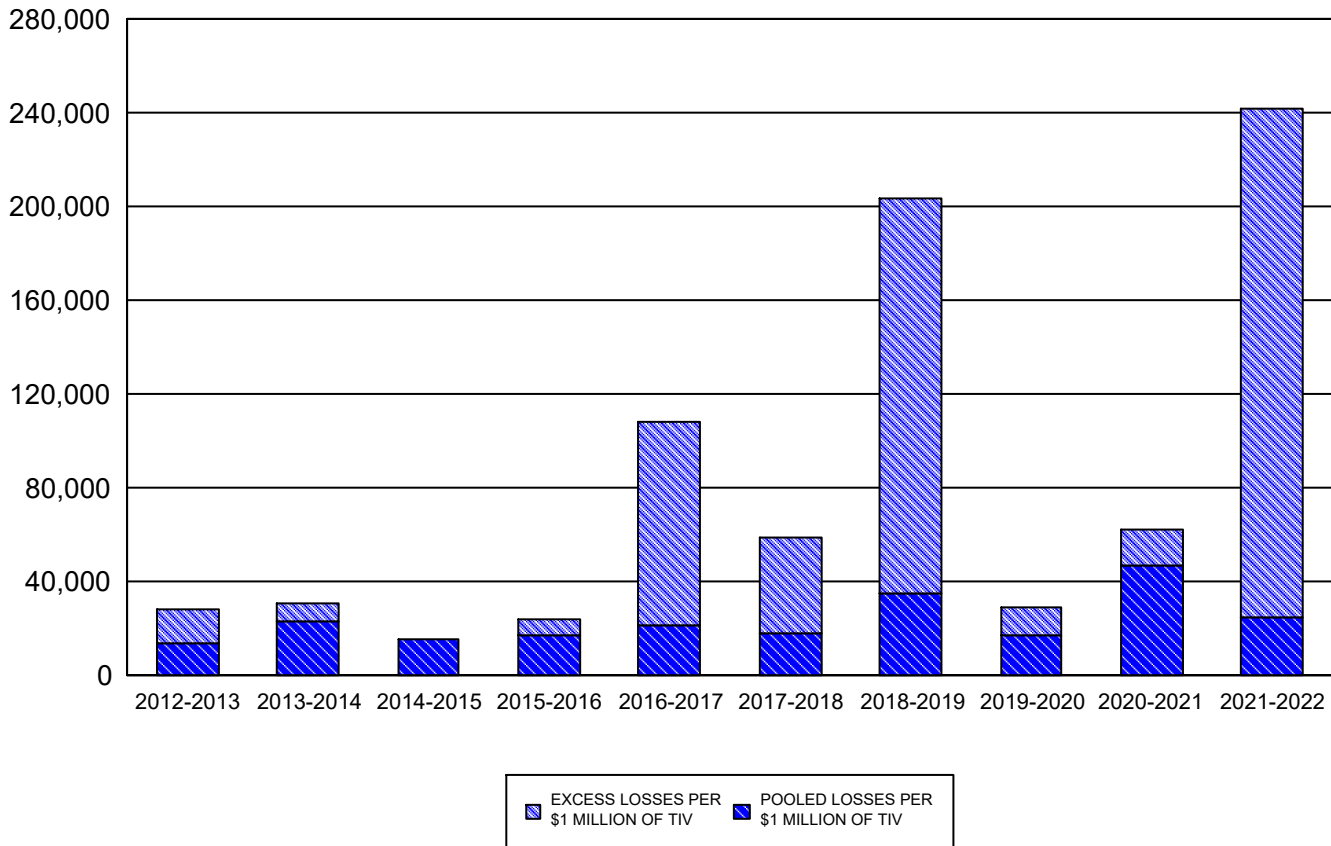
<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2008-2009</b>					
09-0704	04/06/2009	Oakdale Irrigation District	District vehicle hit claimant in street	Closed	589,041
10-1108	08/20/2009	Walnut Valley Water District	Vehicle lost control and hit fire hydrant & light pole	Closed	917,001
09-0419	11/15/2008	Yorba Linda Water District	Houses damaged by fire. Allegation: against the District is that there wasn't enough water pressure to fire hydrants.	Closed	8,365,359
<b>TOTAL</b>					<b>9,871,401</b>
<b>POLICY YEAR 2009-2010</b>					
10-1565	02/25/2010	Merced Irrigation District	EPL claim	Closed	1,049,508
<b>TOTAL</b>					<b>1,049,508</b>
<b>POLICY YEAR 2010-2011</b>					
12-0096	10/01/2010	Alta Irrigation District	Climnt contends that water leaking from District canal damaged his vineyard, house and well.	Closed	937,970
<b>TOTAL</b>					<b>937,970</b>
<b>POLICY YEAR 2011-2012</b>					
14-0046	07/01/2012	Central Basin Municipal Water District	Climnt contends that a member of the District Board of Directors sexually harrassed her and canceled her contract with the District in retaliation for her rebuffing the sexual advances	Closed	703,417
12-0664	02/09/2012	Fallbrook Public Utility District	Main line break sent water into local high school	Closed	643,686
13-0251	08/13/2012	Rancho California Water District	Climnt contends that the District misclassified his job as an Independent Contractor when he was really a District employee.	Closed	1,264,200
<b>TOTAL</b>					<b>2,611,304</b>
<b>POLICY YEAR 2012-2013</b>					
13-0376	12/19/2012	Friant Water Authority	Claimant's husband stepped in front of oncoming District truck	Closed	802,538
<b>TOTAL</b>					<b>802,538</b>
<b>POLICY YEAR 2013-2014</b>					
14-0227	10/15/2013	Santa Fe Irrigation District	8" main broke flooding homes	Closed	1,115,987
14-0779	05/19/2014	Semitropic Water Storage District	Herbicide drift	Closed	15,122,587
15-0301	05/15/2014	Vallecitos Water District	Claimants allege fire hydrants were not operational, which allowed home to burn down during Cocos Fire.	Closed	532,722
<b>TOTAL</b>					<b>16,771,297</b>
<b>POLICY YEAR 2014-2015</b>					
15-0394	12/12/2014	Corcoran Irrigation District	District vehicle attempted to make a U-turn in front of claimant vehicle	Closed	1,719,455
15-0245	10/16/2014	Santa Clarita Valley Water Agency	14" high pressure line broke sending water into claimants homes	Closed	892,686
<b>TOTAL</b>					<b>2,612,140</b>

**ACWA JPIA - LIABILITY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000  
FOR MONTH ENDING 12/31/2021**

**47**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2015-2016</b>					
16-0661	04/04/2016	Fresno Irrigation District	Claimant alleges canal broke, flooding his almond orchard and created damages to trees and future crops.	Closed	1,196,078
16-0373	12/13/2015	Purissima Hills Water District	Water main break sending water into large basement living area.	Closed	1,552,872
17-0176	09/20/2016	Santa Clarita Valley Water Agency	District vehicle bumped into rear of claimant vehicle while stopped at a stop light when he sneezed.	Closed	718,307
17-0113	06/30/2016	Upper San Gabriel Valley Municipal Water District	Sexual Harassment	Closed	562,289
<b>TOTAL</b>					<b>4,029,546</b>
<b>POLICY YEAR 2016-2017</b>					
17-0332	12/09/2016	Calleguas Municipal Water District	District line break sent water into claimant's home	Closed	553,959
18-0023	03/25/2017	Kirkwood Meadows Public Utility District	Clmt alleges District's propane system malfunctioned, which caused explosion and loss of home.	Closed	1,165,527
17-0667	05/04/2017	Santa Clarita Valley Water Agency	District vehicle turned in front of claimant's oncoming vehicle	Closed	1,425,986
<b>TOTAL</b>					<b>3,145,472</b>
<b>GRAND TOTAL</b>					<b>118,797,757</b>

**ACWA JPIA - PROPERTY PROGRAM**  
**REPORTED LOSSES PER \$100 MILLION OF INSURED VALUES**  
**FOR MONTH ENDING 12/31/2021**

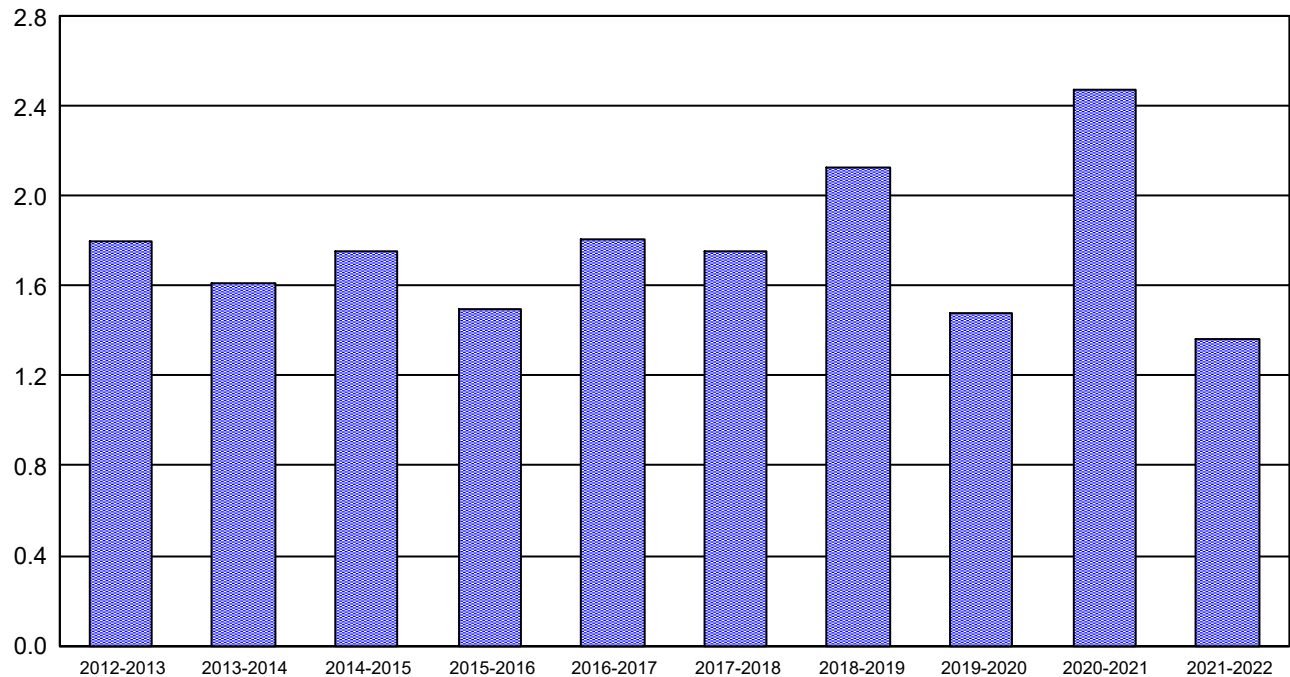


<u>POLICY YEAR (4/1)</u>	<u>TOTAL INSURED VALUES</u>	<u>SELF INSURED RETENTION</u>	<u>POOLED LOSSES</u>	<u>EXCESS LOSSES</u>	<u>INCURRED LOSSES</u>	<u>POOLED LOSSES PER \$100 MILLION OF VALUES</u>	<u>TOTAL LOSSES PER \$100 MILLION OF VALUES</u>
2007-2008	3,264,446,672	50,000	696,768	1,375,733	2,072,501	21,344	63,487
2008-2009	3,463,023,445	50,000	512,340	189,526	701,866	14,795	20,267
2009-2010	3,717,574,597	50,000	669,881	2,355,173	3,025,054	18,019	81,372
2010-2011	4,011,600,738	50,000	801,074	1,693,574	2,494,649	19,969	62,186
2011-2012	4,231,899,808	50,000	922,930	1,585,784	2,508,715	21,809	59,281
2012-2013	4,485,924,245	50,000	615,618	657,678	1,273,296	13,723	28,384
2013-2014	4,737,605,530	100,000	1,105,398	342,512	1,447,910	23,332	30,562
2014-2015	4,992,735,978	100,000	759,655	0	759,655	15,215	15,215
2015-2016	5,244,999,582	100,000	871,272	398,104	1,269,376	16,611	24,202
2016-2017	5,473,941,930	100,000	1,141,746	4,770,189	5,911,936	20,858	108,001
2017-2018	6,129,709,924	100,000	1,079,304	2,529,516	3,608,819	17,608	58,874
2018-2019	7,097,436,992	100,000	2,468,798	11,941,008	14,409,805	34,784	203,028
2019-2020	7,950,157,426	100,000	1,376,249	930,000	2,306,249	17,311	29,009
2020-2021	9,620,177,150	100,000	2,232,010	766,500	2,998,510	46,403	62,338
2021-2022	9,560,434,709	100,000	1,199,148	10,339,000	11,538,148	25,086	241,373

- Latest Policy Year's 'Losses' include partial activity.

- Latest Policy Year's 'Losses Per \$100 Million of Values' has been annualized using 6 months data.

**ACWA JPIA - PROPERTY PROGRAM**  
**OCCURRENCES PER \$100 MILLION OF INSURED VALUES**  
**FOR MONTH ENDING 12/31/2021**



<b>PROGRAM YEAR (4/1)</b>	<b>NUMBER OF OCCUR</b>	<b>TOTAL INSURED VALUES (TIV)</b>	<b>INFLATION ADJUSTMENT ANNUAL %</b>	<b>INFLATION ADJUSTMENT FACTOR</b>	<b>INFLATION ADJUSTED TIV</b>	<b># OF OCCURRENCES PER \$100 MILLION OF INFLATION ADJUSTED TOTAL INSURED VALUES</b>
2007-2008	117	3,264,446,672	3.50	1.302	4,249,489,026	2.7533
2008-2009	79	3,463,023,445	0.00	1.258	4,355,542,098	1.8138
2009-2010	100	3,717,574,597	1.50	1.258	4,675,698,249	2.1387
2010-2011	86	4,011,600,738	3.00	1.239	4,970,939,119	1.7301
2011-2012	102	4,231,899,808	2.10	1.203	5,091,185,183	2.0035
2012-2013	95	4,485,924,245	1.30	1.178	5,285,787,629	1.7973
2013-2014	89	4,737,605,530	1.80	1.163	5,510,705,807	1.6150
2014-2015	100	4,992,735,978	1.00	1.143	5,704,783,301	1.7529
2015-2016	89	5,244,999,582	1.80	1.131	5,933,687,027	1.4999
2016-2017	110	5,473,941,930	2.90	1.111	6,083,192,863	1.8083
2017-2018	116	6,129,709,924	3.20	1.080	6,619,968,880	1.7523
2018-2019	158	7,097,436,992	0.00	1.046	7,427,418,130	2.1273
2019-2020	123	7,950,157,426	2.90	1.046	8,319,784,095	1.4784
2020-2021	119	9,620,177,150	1.70	1.017	9,620,177,150	2.4740
2021-2022	65	9,560,434,709	5.20	1.000	9,560,434,709	1.3598

- Latest Policy Year's 'Number of Occur' include partial activity.  
- Latest Policy Year's '# of Occurrences Per \$100 Million of Inflation Adjusted Total Insured Values' has been annualized using 6 months data.

**ACWA JPIA - PROPERTY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000  
FOR MONTH ENDING 12/31/2021**

**50**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1987-1988</b>					
87011	08/11/1987	Glenn-Colusa Irrigation District	Fire destroyed shop building	Closed	100,592
87020	10/22/1987	Yuima Municipal Water District	Mudslide damaged building	Closed	145,322
<b>TOTAL</b>					<b>245,914</b>
<b>POLICY YEAR 1989-1990</b>					
89011	07/14/1989	Central California Irrigation District	Fire destroyed building	Closed	100,259
<b>TOTAL</b>					<b>100,259</b>
<b>POLICY YEAR 1991-1992</b>					
91035	06/10/1991	Oakdale Irrigation District	Vandals damaged canal	Closed	85,250
<b>TOTAL</b>					<b>85,250</b>
<b>POLICY YEAR 1992-1993</b>					
92017	08/22/1992	Ramona Municipal Water District	Seam on water tank cover split	Closed	260,474
92015	08/17/1992	South Coast Water District	Garage and shop destroyed by fire	Closed	223,359
<b>TOTAL</b>					<b>483,833</b>
<b>POLICY YEAR 1995-1996</b>					
95006	05/24/1995	San Diego County Water Authority	Mudslide damaged control room.	Closed	94,729
<b>TOTAL</b>					<b>94,729</b>
<b>POLICY YEAR 1996-1997</b>					
96057	11/26/1996	East Orange County Water District	Wind damaged reservoir roof	Closed	113,898
96072	02/15/1997	Lower Tule River Irrigation District	Capacitor fire resulted in business interruption claim	Closed	75,860
96032	08/11/1996	Semitropic Water Storage District	Turbine flooded during power outage	Closed	75,495
96028	08/06/1996	Valley Center Municipal Water District	Power surge damaged electrical panel	Closed	127,265
<b>TOTAL</b>					<b>392,518</b>
<b>POLICY YEAR 1997-1998</b>					
97001	04/02/1997	East Orange County Water District	Wind damaged reservoir roof	Closed	85,535
97015	07/03/1997	Elsinore Valley Municipal Water District	Fire damaged building	Closed	94,483
97050	10/04/1997	Orange County Water District	Power surge damaged electrical panel	Closed	89,851
97035	08/31/1997	Reclamation District #108	Fire damaged building	Closed	263,928
<b>TOTAL</b>					<b>533,798</b>

**ACWA JPIA - PROPERTY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000  
FOR MONTH ENDING 12/31/2021**

**51**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1998-1999</b>					
99-1633	01/15/1999	Madera-Chowchilla Water an	Hydro generator down	Closed	181,786
		Power Authority			
98002	04/09/1998	Palmdale Water District	Water backed up into water treatment plant	Closed	176,027
98008	04/22/1998	Wheeler Ridge-Maricopa Water Storage District	Fire damaged building	Closed	149,666
<b>TOTAL</b>					<b>507,478</b>
<b>POLICY YEAR 1999-2000</b>					
99-1771	06/13/1999	Madera-Chowchilla Water an	Hydro-electric plant turbine sustained damage of unknown origin.	Closed	155,095
		Power Authority			
00-2212	12/29/1999	Rancho California Water District	Fire damaged building and contents	Closed	80,822
<b>TOTAL</b>					<b>235,916</b>
<b>POLICY YEAR 2000-2001</b>					
01-2850	10/10/2000	Arvin-Edison Water Storage District	Fire damaged a pump motor	Closed	151,567
01-2747	09/01/2000	Bella Vista Water District	Lightning strike damaged transformer	Closed	123,113
01-3162	02/26/2001	Santa Clarita Valley Water Agency	Water leaked into ozone output line, flooding 2 ozone generator units.	Closed	202,400
01-2770	09/11/2000	Yorba Linda Water District	Toilet backed up in District office	Closed	146,176
<b>TOTAL</b>					<b>623,256</b>
<b>POLICY YEAR 2002-2003</b>					
02-4208	04/25/2002	Kern Water Bank Authority	Lightning strike damaged 3 recovery wells and pump station	Closed	81,348
03-4395	08/02/2002	Madera-Chowchilla Water an	Plant shutdown - cause - unknown.	Closed	1,321,842
		Power Authority			
<b>TOTAL</b>					<b>1,403,190</b>
<b>POLICY YEAR 2003-2004</b>					
03-5189	05/22/2003	Berrenda Mesa Water District	2000 HP motor & control switch was damaged due to PG&E interruption	Closed	76,488
04-5514	08/01/2003	Friant Power Authority	Fire damaged electrical panel and resulted in business interruption claim	Closed	386,149
04-5662	10/28/2003	Helix Water District	Fire damaged residential building and garage	Closed	380,036
04-6013	02/26/2004	Mountain Gate Community Services District	Hail damaged the District office	Closed	79,895
<b>TOTAL</b>					<b>922,568</b>
<b>POLICY YEAR 2004-2005</b>					
05-6526	09/04/2004	Calaveras County Water District	Fire damaged District's "602" tank	Closed	205,341
05-6805	12/20/2004	Cucamonga Valley Water District	Fire damaged control panel	Closed	107,938
05-6398	07/21/2004	Merced Irrigation District	Vandalism to heavy equipment	Closed	111,928

**ACWA JPIA - PROPERTY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000  
FOR MONTH ENDING 12/31/2021**

**52**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2004-2005</b>					
05-6378	07/16/2004	Serrano Water District	District pump failed - damage to pump and control panel.	Closed	111,340
04-6239	06/11/2004	Stockton-East Water District	Fire damaged control panel	Closed	153,314
05-6797	12/19/2004	Western Canal Water District	Water/sewage backed up into ice maker drain - flooded office	Closed	77,337
<b>TOTAL</b>					<b>767,198</b>
<b>POLICY YEAR 2005-2006</b>					
07-8600	03/01/2006	American River Flood Control District	District employee embezzled funds from District.	Closed	104,221
06-7661	11/15/2005	Mission Hills Community Services District	Fire damaged building	Closed	235,885
06-7741	12/22/2005	North Coast County Water District	Fire damaged vector truck	Closed	124,057
06-7777	12/22/2005	Reclamation District #108	Electrical short damaged pump motor	Closed	82,134
<b>TOTAL</b>					<b>546,297</b>
<b>POLICY YEAR 2006-2007</b>					
07-8416	09/07/2006	Arvin-Edison Water Storage District	Fire damaged building	Closed	194,849
07-8725	01/14/2007	Golden Hills Community Services District	Fire sprinkler line broke & flooded office	Closed	145,348
07-8891	03/19/2007	San Diego County Water Authority	Flood damaged hydroelectric plant where two water supply lines ruptured	Closed	1,575,000
<b>TOTAL</b>					<b>1,915,197</b>
<b>POLICY YEAR 2007-2008</b>					
08-9455	10/22/2007	Fallbrook Public Utility District	Rice Canyon Fire burned 2 chlorine stations	Closed	968,918
08-9450	10/26/2007	Helix Water District	Fire destroyed caretaker's residence @ diversion dam.	Closed	180,404
07-9107	06/05/2007	San Luis Water District	Fire damaged residence	Closed	104,129
08-9424	10/12/2007	Yolo County Flood Control & Water Conservation District	Fire destroyed Hunting Lodge rental	Closed	145,809
<b>TOTAL</b>					<b>1,399,260</b>
<b>POLICY YEAR 2008-2009</b>					
09-0508	10/01/2008	Merced Irrigation District	Rented boomlift rolled	Closed	98,959
<b>TOTAL</b>					<b>98,959</b>
<b>POLICY YEAR 2009-2010</b>					
10-0956	05/07/2009	Cachuma Operation and Maintenance Board	Fire damaged Core Shed	Closed	312,035
10-1202	05/28/2009	Calleguas Municipal Water District	Boiler & Machinery - Well #12	Closed	90,084
13-0295	10/30/2009	Calleguas Municipal Water District	B&M - Well #10	Closed	135,715

**ACWA JPIA - PROPERTY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000  
FOR MONTH ENDING 12/31/2021**

**53**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2009-2010</b>					
13-0307	09/04/2009	Calleguas Municipal Water District	B&M - Well 9	Closed	198,902
13-0309	08/31/2009	Calleguas Municipal Water District	B&M - Well 16	Closed	122,111
10-1458	02/15/2010	Kanawha Water District	Fire damaged shop	Closed	440,577
10-1495	11/07/2009	Merced Irrigation District	Contractor dropped washer into 100 MV transformer	Closed	1,032,000
10-1143	09/20/2009	West Basin Municipal Water District	Water damaged building due to pump failure	Closed	108,275
<b>TOTAL</b>					<b>2,439,699</b>
<b>POLICY YEAR 2010-2011</b>					
11-0352	09/02/2010	Beaumont-Cherry Valley Water District	Diesel spill near Well 21	Closed	160,682
13-0308	05/31/2010	Calleguas Municipal Water District	B&M Well 14	Closed	171,458
10-1581	04/12/2010	Friant Power Authority	Lightening strike hit KV line and shorted out circuit breaker starting fire that burned for 45 minutes.	Closed	1,244,845
11-0409	12/21/2010	Mammoth Community Water District	Quonset hut #1 collapsed	Closed	109,349
11-0413	12/16/2010	Serrano Water District	PLD failed causing overflow in filtration tank into gallery	Closed	75,959
<b>TOTAL</b>					<b>1,762,294</b>
<b>POLICY YEAR 2011-2012</b>					
12-0495	09/10/2011	Arvin-Edison Water Storage District	Lightning strike damage 3 - 5,500 HP motors @ Forest Frick Pump Station	Closed	616,557
14-0508	12/27/2011	Bard Water District	Employee dishonesty	Closed	100,000
12-0101	08/12/2011	Fresno Irrigation District	Kitchen fire @ 9451 E. Olive	Closed	139,653
12-0049	07/13/2011	Helix Water District	Explosion in Ozone Destruct Unit #2	Closed	224,117
12-0190	09/10/2011	Kern County Water Agency	Switch gear @ 2B & 4B melted	Closed	164,802
12-0112	07/07/2011	Lower Tule River Irrigation District	Bearing damage @ Lake Success Turbin	Closed	293,739
12-0171	09/07/2011	Mission Springs Water District	Sprinkler system went off sending 3" of water into building	Closed	214,319
<b>TOTAL</b>					<b>1,753,186</b>
<b>POLICY YEAR 2012-2013</b>					
12-0769	05/07/2012	Banta Carbona Irrigation District	B&M - Pumping Station #1	Closed	207,856
13-0393	12/11/2012	Del Puerto Water District	Unknowns stole 200K generator/utility trailer	Closed	88,000
12-0681	05/01/2012	Palmdale Water District	Hydro-electric generator burned.	Closed	292,341
13-0336	12/02/2012	South Feather Water and Power Agency	Tree fell into shop building	Closed	127,212
<b>TOTAL</b>					<b>715,409</b>



**ACWA JPIA - PROPERTY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000  
FOR MONTH ENDING 12/31/2021**

**54**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2013-2014</b>					
13-0658	04/25/2013	Bella Vista Water District	1,000 HP pump/motor @ Wintu failed	Closed	149,736
14-0396	01/22/2014	Coastside County Water District	Fire in District's server room	Closed	277,915
13-0644	04/20/2013	Fresno Metropolitan Flood Control District	Theft of copper wire	Closed	77,400
14-0548	03/24/2014	Oakdale Irrigation District	Excavator caught fire & burn	Closed	162,003
14-0320	12/03/2013	Twentynine Palms Water District	Generator at flouride removal treatment plant failed.	Closed	119,755
<b>TOTAL</b>					<b>786,808</b>
<b>POLICY YEAR 2014-2015</b>					
15-0454	02/06/2015	Wheeler Crest Community Services District	Wildfire burned District's building & contents @ Rimrock Regulation Station	Closed	80,123
<b>TOTAL</b>					<b>80,123</b>
<b>POLICY YEAR 2015-2016</b>					
16-0100	07/09/2015	Orange County Water District	Vandalism/fire damaged HDPE pipe @ Santiago Basin	Closed	416,000
16-0230	10/06/2015	Thermalito Water & Sewer District	Fire @ District office	Closed	152,104
<b>TOTAL</b>					<b>568,104</b>
<b>POLICY YEAR 2016-2017</b>					
17-0499	02/09/2017	Clearlake Oaks County Water District	District reports flood damage to lift stations due to Clearlake reaching flood stages during storm.	Closed	768,770
16-0591	04/07/2016	Placer County Water Agency	During a planned outage, water backed up into electrical area of Foothill Treatment Plant because a valve wasn't opened.	Closed	678,179
16-0693	04/17/2016	Reclamation District #2068	Circuit breaker failure resulted in control cabinet fire	Closed	101,198
17-0732	03/28/2017	South Coast Water District	District employee misappropriated cash received from District's tennis center.	Closed	101,371
17-0474	02/10/2017	South Feather Water and Power Agency	Debris from Oroville's damaged spillway caused water to back up and flood the Kelly Ridge Powerhouse.	Closed	3,337,906
17-0583	03/07/2017	Water Replenishment District of Southern California	Field Office & Storage Annex burglarized and vandalized.	Closed	150,157
17-0505	02/17/2017	West Valley Water District	Recent storms washed out box culvert at tank site 2-2/2-3.	Closed	79,454
<b>TOTAL</b>					<b>5,217,034</b>
<b>POLICY YEAR 2017-2018</b>					
18-0131	08/14/2017	Arvin-Edison Water Storage District	Damage to 5500 HP motor @ Forest Frick Plant	Closed	129,545
18-0348	12/10/2017	Montecito Water District	Thomas Fire damaged/burned District property and later caused mud/debris flow on 1/9/18.	Closed	2,149,934

**ACWA JPIA - PROPERTY PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000  
FOR MONTH ENDING 12/31/2021**

**55**

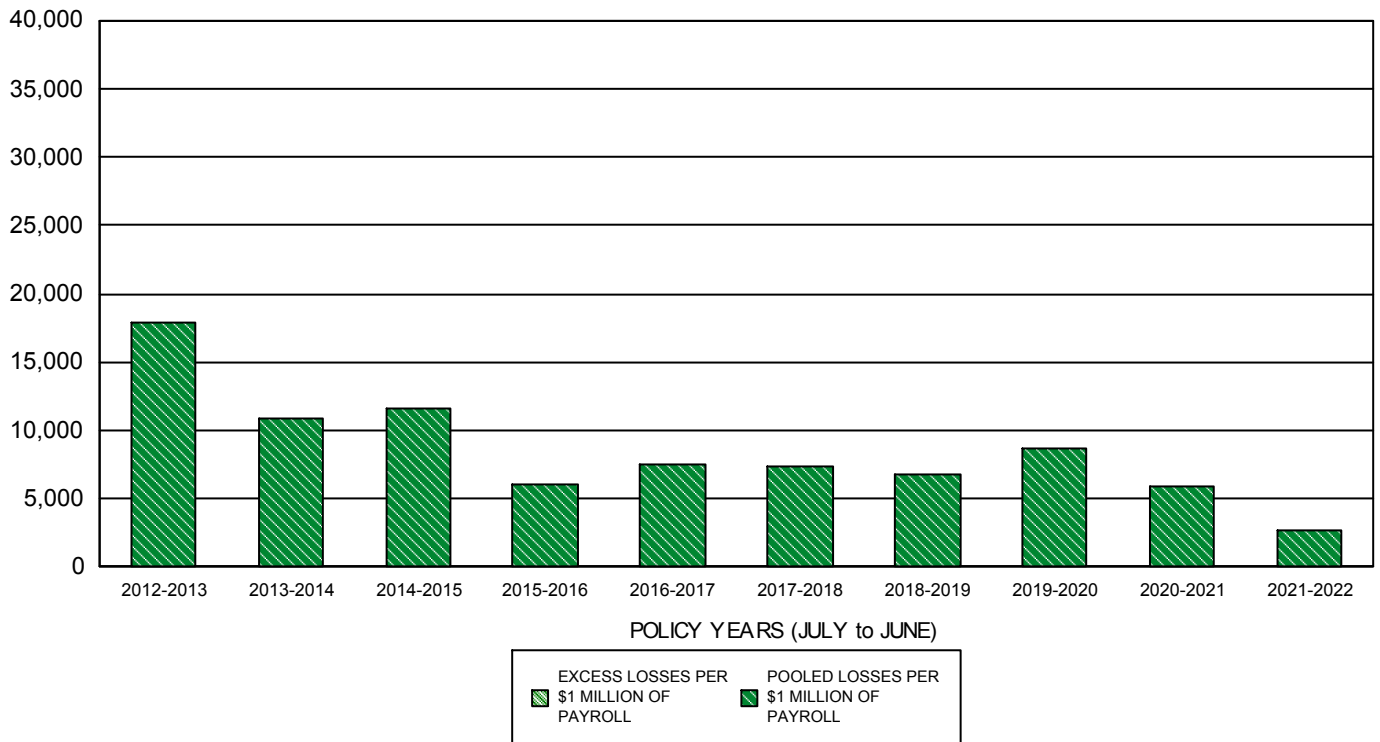
<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2017-2018</b>					
18-0222	10/09/2017	Redwood Valley County Water District	Wildfire damaged District's Tomki Booster Pump Station	Closed	421,571
<b>TOTAL</b>					<b>2,701,050</b>
<b>POLICY YEAR 2018-2019</b>					
18-0688	06/11/2018	Glenn-Colusa Irrigation District	Trailer carrying a backhoe fell off the road and overturned	Closed	116,577
19-0237	10/14/2018	Mesa Water District	Pipe burst in District's Water Ops building - approx. 1 foot of water in building when discovered	Closed	113,790
19-0464	02/03/2019	Montecito Water District	Heavy rainfall to areas damaged by the Thomas Fire (12/10/17) caused mud & debris flows onto MWD roads and damage to culvert.	Closed	531,060
20-0104	12/17/2018	San Juan Water District	Engine that powers generator blew a head gasket after being serviced	Closed	97,457
19-0644	04/26/2019	Semitropic Water Storage District	Fire @ P-384	Closed	110,480
19-0244	10/15/2018	Solano County Water Agency	Agency's Excavator caught fire	Closed	95,181
18-0726	06/25/2018	South Feather Water and Power Agency	Boulder (5 ft. diameter) fell from 100 ft up hillside onto penstock.	Closed	549,536
19-0088	08/06/2018	Terra Bella Irrigation District	Fire @ empty residence	Closed	92,374
<b>TOTAL</b>					<b>1,706,455</b>
<b>POLICY YEAR 2019-2020</b>					
21-0163	02/27/2020	Arvin-Edison Water Storage District	5,500 HP motor failed to start, when examined for repair, bobcat was found in the motor causing it to short and caused damage	Closed	386,443
<b>TOTAL</b>					<b>386,443</b>
<b>POLICY YEAR 2020-2021</b>					
21-0614	08/06/2020	Diablo Water District	Pump shaft failure	Closed	86,005
21-0210	09/21/2020	El Dorado Irrigation District	Broken piece of ceiling plaster fell into and damaged generator also resulting in loss of revenue.	Closed	93,572
21-0151	08/18/2020	Rural North Vacaville Water District	LNU Lightning Complex fire destroyed property	Closed	342,148
21-0183	09/03/2020	Tehachapi-Cummings County Water District	Engine #3 suffered a catastrophic failure from a broken connecting rod in cylinder #6, which exited the engine through an inspection cover & damaged the cast engine block.	Closed	346,413
<b>TOTAL</b>					<b>868,137</b>
<b>GRAND TOTAL</b>					<b>29,340,363</b>

# ACWA JPIA - WORKERS' COMPENSATION PROGRAM

## REPORTED LOSSES PER \$1 MILLION OF PAYROLL REPORT

### FOR MONTH ENDING 12/31/2021

56

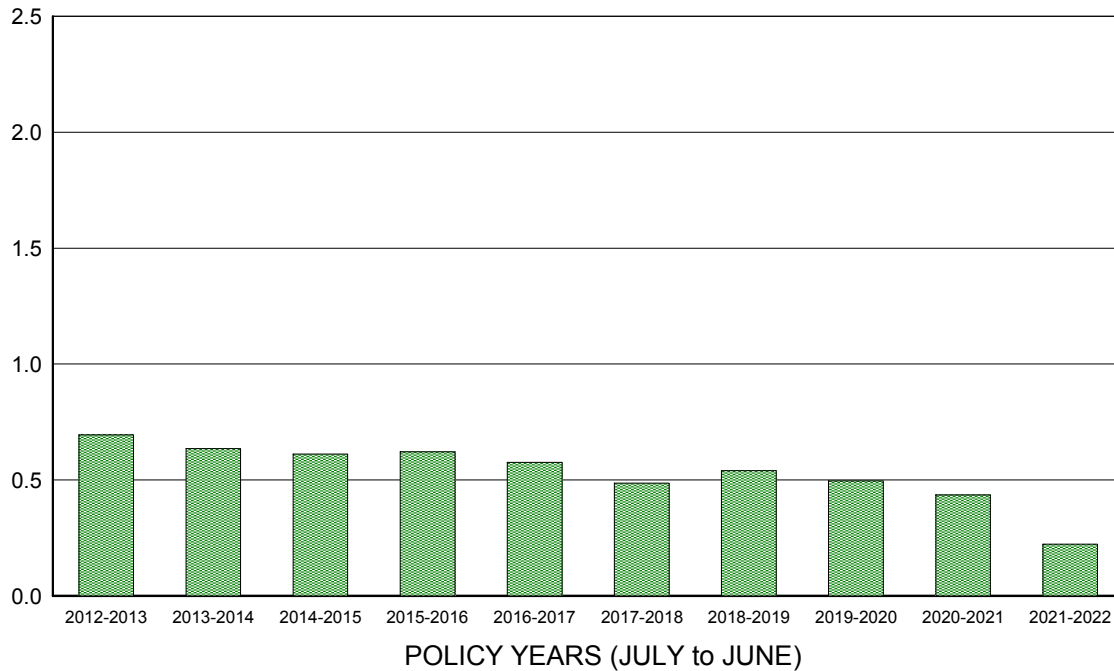


PROGRAM YEAR (7/1)	# OF MEMBERS	SELF INSURED RETENTION	POOLED LOSSES	EXCESS LOSSES	TOTAL LOSSES	ACTUAL PAYROLL	EXCESS LOSSES PER \$1 MILLION OF PAYROLL	TOTAL LOSSES PER \$1 MILLION OF PAYROLL
2007-2008	152	2,000,000	4,635,656	0	4,635,656	383,018,244	0	12,103
2008-2009	151	2,000,000	7,288,946	14,217	7,303,164	378,180,537	38	19,311
2009-2010	154	2,000,000	4,930,009	0	4,930,009	387,355,399	0	12,727
2010-2011	161	2,000,000	5,053,009	0	5,053,009	397,385,704	0	12,716
2011-2012	165	2,000,000	5,893,637	292,073	6,185,709	407,655,190	716	15,174
2012-2013	171	2,000,000	7,640,568	0	7,640,568	428,168,461	0	17,845
2013-2014	177	2,000,000	4,879,979	0	4,879,979	445,374,309	0	10,957
2014-2015	175	2,000,000	5,274,396	0	5,274,396	453,070,613	0	11,641
2015-2016	180	2,000,000	2,857,816	0	2,857,816	471,930,942	0	6,056
2016-2017	186	2,000,000	3,803,559	0	3,803,559	503,252,089	0	7,558
2017-2018	187	2,000,000	3,866,600	0	3,866,600	521,232,750	0	7,418
2018-2019	193	2,000,000	3,879,674	0	3,879,674	565,936,990	0	6,855
2019-2020	197	2,000,000	5,496,400	0	5,496,400	634,017,701	0	8,669
2020-2021	200	2,000,000	4,068,854	0	4,068,854	680,718,724	0	5,977
2021-2022	201	2,000,000	943,847	0	943,847	694,810,288	0	2,717

- Latest Policy Year's 'Losses' include partial activity.

- Latest Policy Year's 'Losses Per \$1 Million of Payroll' have been annualized using 6 months data.

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
CLAIMS PER \$1 MILLION OF PAYROLLS REPORT  
FOR MONTH ENDING 12/31/2021**



<b>PROGRAM YEAR (7/1)</b>	<b>NUMBER OF CLAIMS</b>	<b>ACTUAL PAYROLLS</b>	<b>INFLATION ADJUSTMENT FACTOR</b>	<b>INFLATION ADJUSTED PAYROLLS</b>	<b>NUMBER OF CLAIMS PER \$1 MILLION OF INFLATION ADJUSTED PAYROLLS</b>
2007-2008	400	362,912,104	1.320	479,209,859	0.835
2008-2009	419	362,856,749	1.254	455,020,670	0.921
2009-2010	408	386,915,690	1.254	485,190,469	0.841
2010-2011	414	401,389,999	1.254	503,341,186	0.823
2011-2012	381	415,261,039	1.244	516,602,584	0.738
2012-2013	363	432,481,065	1.209	522,862,038	0.694
2013-2014	335	443,873,464	1.188	527,146,609	0.636
2014-2015	323	452,543,511	1.165	527,422,185	0.612
2015-2016	335	471,783,515	1.139	537,483,553	0.621
2016-2017	321	495,909,611	1.125	557,719,074	0.576
2017-2018	274	508,005,034	1.109	563,433,978	0.486
2018-2019	319	546,031,262	1.082	590,838,327	0.540
2019-2020	317	610,996,915	1.044	638,161,227	0.497
2020-2021	295	667,278,457	1.017	678,622,191	0.435
2021-2022	156	698,530,336	1.000	698,530,336	0.223

- Latest Policy Year's 'Number of Claims' include partial activity.
- Latest Policy Year's 'Number of Claims Per \$1 Million of Inflation Adjusted Payrolls' has been annualized using 6 months data.
- Payrolls Adjusted for Inflation - CNP's Omitted.
- Factor based on CPI for West Coast from US Dept of Labor

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1984-1985</b>					
96248517	06/17/1985	Valley Center Municipal Water District	slipped hurt both ankles	Closed	220,004
<b>TOTAL</b>					<b>220,004</b>
<b>POLICY YEAR 1985-1986</b>					
96108611	10/21/1985	Helix Water District	valley fever	Closed	260,065
<b>TOTAL</b>					<b>260,065</b>
<b>POLICY YEAR 1988-1989</b>					
96268907	04/18/1989	Western Municipal Water District	hands- applying pressure on ha	Closed	155,552
<b>TOTAL</b>					<b>155,552</b>
<b>POLICY YEAR 1989-1990</b>					
96089006	06/27/1990	Mission Springs Water District	r. shoulder & back-strained du	Closed	132,131
96269002	08/14/1989	Western Municipal Water District	back- removing meter box.	Closed	126,817
96279002	09/11/1989	Yolo County Flood Control & Water Conservation District	sharp pain in neck-ee picking	Closed	107,393
<b>TOTAL</b>					<b>366,342</b>
<b>POLICY YEAR 1990-1991</b>					
96349108	06/13/1991	Palo Verde Irrigation District	l. shoulder-muscle pulled	Closed	104,997
<b>TOTAL</b>					<b>104,997</b>
<b>POLICY YEAR 1991-1992</b>					
96029203	11/19/1991	Browns Valley Irrigation District	injury climbing on stairs	Closed	152,157
96189201	07/16/1991	San Diego County Water Authority	uppr back strain	Closed	241,617
<b>TOTAL</b>					<b>393,774</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

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<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1992-1993</b>					
96039301	09/28/1992	Butte Water District	lft thumb; amputated when his h	Closed	165,952
96379301	08/15/1992	Reclamation District #108	low back strain	Closed	196,880
<b>TOTAL</b>					<b>362,832</b>
<b>POLICY YEAR 1994-1995</b>					
96349505	03/21/1995	Palo Verde Irrigation District	shldr - strn, sprn, dsloc-liftn	Closed	255,099
01-3253	06/30/1995	Paradise Irrigation District	bilateral upper extremities, left and right shoulder including hands, low back bilateral lower extremities caused from unknown reasons. the district first notice of this was from an attorney.	Closed	143,843
96259503	01/22/1995	Walnut Valley Water District	low back/while working ee had	Closed	226,618
<b>TOTAL</b>					<b>625,560</b>
<b>POLICY YEAR 1995-1996</b>					
09667	06/12/1996	Mission Springs Water District	turning/water valve	Closed	100,646
62037	10/12/1995	Rancho California Water District	lifting vault lid	Closed	128,349
69669	11/08/1995	San Diego County Water Authority	pulling meter	Closed	132,129
09184	06/10/1996	Western Municipal Water District	lifting a concret meter	Closed	100,577
<b>TOTAL</b>					<b>461,700</b>
<b>POLICY YEAR 1996-1997</b>					
40940	10/05/1996	Oakdale Irrigation District	cleaning trash fr gate	Closed	106,631
91769	05/06/1997	Water Employee Services Authority	tire blow out	Closed	131,739
<b>TOTAL</b>					<b>238,370</b>
<b>POLICY YEAR 1997-1998</b>					
81104	03/26/1998	Tahoe City Public Utility District	situational stress	Closed	139,098
<b>TOTAL</b>					<b>139,098</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 1998-1999</b>					
99-1569	03/22/1999	Carmichael Water District	pulled on chain on back of dumpster and right wrist popped.	Closed	106,837
99-1639	04/01/1999	Newhall County Water District	alleges cumulative stress and strain of employment	Closed	146,277
99-1430	01/14/1999	Orange County Water District	strained back while digging out a sprinkler.	Closed	113,924
99-1408	01/07/1999	San Diego County Water Authority	strained back while opening barbed wire gate	Closed	163,551
99-1682	05/12/1999	South Coast Water District	while working to repair a service break, digging to expose the water main with a hand shovel. felt a pull in his back and became increasingly more painful.	Closed	134,542
99-1423	01/20/1999	South Coast Water District	stuck an underground power line while digging with a pneumatic clay spade to create a clearance around a water line.	Closed	1,623,100
<b>TOTAL</b>					<b>2,288,231</b>
<b>POLICY YEAR 1999-2000</b>					
00-2265	01/19/2000	Merced Irrigation District	twisted back while pushing concrete.	Closed	716,684
00-2205	12/01/1999	Palo Verde Irrigation District	cumulative trauma	Closed	165,800
00-2543	06/05/2000	Reclamation District #108	lumbar strain caused when putting pads on crane.	Closed	161,288
00-2373	11/05/1999	Soquel Creek Water District	alleged cumulative trauma	Closed	243,428
00-1939	08/09/1999	Trabuco Canyon Water District	lifting a jack hammer out of a ditch, 4 1/2 feet deep, to ground level.	Closed	173,449
<b>TOTAL</b>					<b>1,460,649</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2000-2001</b>					
01-2685	08/07/2000	Consolidated Irrigation District	motor vehicle accident	Closed	683,247
01-2866	10/05/2000	Fallbrook Public Utility District	lifted oxygen tank off of mount of welding truck and felt pain in his back, right hip, and leg.	Closed	141,638
01-3286	04/18/2001	Montecito Water District	lumbar strain caused when moving pipes.	Closed	197,172
01-3443	02/26/2001	Montecito Water District	ct	Closed	126,439
01-3444	06/11/2001	Otay Water District	hand and thumb pain caused from heavy typin and keying.	Closed	744,367
01-3324	05/09/2001	Otay Water District	tingling sensation in right arm and wrist cause when operating a payment processing machine.	Closed	110,305
01-2957	11/14/2000	Otay Water District	lumbar strain caused when responding to an alarm at the treatment plant when he stepped off the catwalk and turned towards an engine located off the catwalk.	Closed	519,410
01-2821	09/25/2000	Palmdale Water District	using district bathroom and black widow spide bit him on the left arm	Closed	1,269,808
01-3309	05/01/2001	Rancho California Water District	pain in lower back and left leg caused when digging, driving, moving, that occurred over a three month period.	Closed	122,748
01-3398	04/18/2001	Scotts Valley Water District	limited motion and pain to right shoulder area, the rotator cup that occurred when shoveling in the reclaim tank ditch.	Closed	142,323
01-2811	09/18/2000	Soquel Creek Water District	alleged cumulative trauma	Closed	104,505
01-2978	11/21/2000	Tehama-Colusa Canal Authority	pain in the groin area caused when moving hydro crane pushing block (hook) to secure it in place for transport.	Closed	120,984
01-3393	05/30/2001	Trabuco Canyon Water District	neck, back, and lumbar strain that occurred when on a service call in a district owned vehicle he was rear-ended.	Closed	199,573
<b>TOTAL</b>					<b>4,482,518</b>



**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2001-2002</b>					
02-3817	11/14/2001	Amador Water Agency	deep cut on top of left foot caused when using a gas powered weed eater to cut tall grass he hit a rock that was hidden by the tall grass. the cutting blade broke off and struck him on the top of his foot.	Closed	102,526
02-3893	12/20/2001	Central Basin Municipal Water District	standing on ladder stepped down and experienced pain.	Closed	145,485
02-4308	06/11/2002	Coastside County Water District	twisted left knee when shoveling rock.	Closed	143,487
02-4325	06/20/2002	Consolidated Irrigation District	head, back, and ribs were injured when employee was driving a district vehicle, he was in an auto accident.	Closed	189,419
02-4031	02/20/2002	Desert Water Agency	pain and numbness which began in his back right side caused when he was standing up from a stooped position he experienced the pain.	Closed	188,112
02-4233	05/16/2002	Elsinore Valley Municipal Water District	while reading meters, twisted right knee	Closed	112,461
02-3702	10/03/2001	Humboldt Community Services District	injury to ankles when prepping an area on the roof for painting he reached at an odd angle, became unsteady and fell. his feet became tangled in the ladder steps.	Closed	209,961
02-4311	05/15/2002	Municipal Water District of Orange County	sprained right arm and side of neck caused while using the computer and the phone.	Closed	237,409
03-5027	04/11/2002	Quartz Hill Water District	continuous trauma	Closed	141,706
02-4161	03/25/2002	Riverview Water District	low back, right lower extremities, (leg, ankle, feet) pains that occurred during the course of his job.	Closed	175,543
<b>TOTAL</b>					<b>1,646,109</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2002-2003</b>					
03-4916	10/21/2002	East Contra Costa Irrigation District	employee suffers pain in both knees as a result of repetitive activities.	Closed	135,456
03-4725	12/03/2002	Merced Irrigation District	massive head trauma caused when changing oil filter on gradall. the hood was open. he grabbed the hood to stabilize himself and the hood closed causing him to fall.	Closed	196,509
03-5131	05/01/2003	Newhall County Water District	employee strained lumbar in the course of either shoveling or pulling a hose out of mud.	Closed	354,567
03-4640	10/14/2002	Padre Dam Municipal Water District	pain in right side of body, arm, leg and foot caused when shoveling dirt.	Closed	126,669
03-4981	03/03/2003	Rancho California Water District	while lifting cement meter lids repeatedly, employee started to feel lower back pain.	Closed	114,188
03-4792	11/19/2002	Rancho California Water District	lower back pain experienced while bending over to read meter	Closed	123,862
03-5255	06/13/2003	Reclamation District #108	employee suffered shoulder strain as a result of lifting 20 lb chemical bottles.	Closed	145,924
03-4714	10/15/2002	San Gabriel County Water District	tore, damaged tissue in left knee caused when shoveling and squatting to put in a water service.	Closed	117,273
03-5191	05/21/2003	Yolo County Flood Control & Water Conservation District	employee suffered a lumbar strain after slipping while stepping from board walk to cement. employee did not fall but twisted his back.	Closed	117,783
<b>TOTAL</b>					<b>1,432,231</b>
<b>POLICY YEAR 2003-2004</b>					
04-5911	02/04/2004	Calaveras County Water District	employee injured his right wrist and elbow when he slipped and fell on some ice while performing an inspection.	Closed	165,883
04-5357	07/14/2003	Calleguas Municipal Water District	employee suffers from whiplash as a result of being rear-ended while stopped at a traffic light in a district vehicle.	Closed	111,817
04-5715	11/03/2003	Helix Water District	employee has swollen knees due to repeated climbing lake terrain	Closed	278,054
04-5559	09/30/2003	Otay Water District	employee experienced pain and swelling in both hands and her fingers as a result of keyboarding.	Closed	103,790
04-5924	02/11/2004	San Diego County Water Authority	injured left hand and fingers - while inspecting area employee made contact with blade of rotary fan. the fan guard had been removed.	Closed	120,189
04-6041	03/24/2004	Santa Clarita Valley Water Agency	employee injured his right knee when he stepped over a drain pipe and slipped.	Closed	155,062
<b>TOTAL</b>					<b>934,795</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2004-2005</b>					
05-6396	07/14/2004	Consolidated Irrigation District	shoulder and back pain after travel to read wells	Closed	117,153
05-7207	05/18/2005	Elsinore Valley Municipal Water District	asthma from cloud of sand blasting materials	Closed	401,552
05-7142	04/16/2005	Helix Water District	right knee strain while standing on a ladder	Closed	146,249
05-7240	05/23/2005	Palmdale Water District	left ankle, left shoulder, left arm, right knee and back strain after hose struck employee	Closed	166,983
05-6897	01/29/2005	Quartz Hill Water District	dirt/rock in both ears while bending over pipe when loose piece of dirt fell on his head	Closed	358,413
05-7255	06/02/2005	Sweetwater Authority	right knee strain from climbing down ladder	Closed	144,675
06-7427	01/02/2005	Yolo County Flood Control & Water Conservation District	strained middle and lower back when fell walking downhill.	Closed	345,749
<b>TOTAL</b>					<b>1,680,773</b>
<b>POLICY YEAR 2005-2006</b>					
07-8605	02/11/2006	Orange County Water District	back injury from repetitive sitting on bulldozer and heavy equipment	Closed	320,852
06-8222	06/24/2006	Orange County Water District	death, possibly due to heart attack while sitting in truck.	Closed	191,451
06-7447	08/16/2005	South Sutter Water District	back strain & spasms from using weed eater	Closed	308,585
07-8553	04/07/2006	Tahoe City Public Utility District	strained lower back and tailbone from prolonged sitting at computer.	Closed	152,172
06-7635	10/26/2005	Valley County Water District	strained thoracic and lumbar back regions while painting office walls.	Closed	304,659
<b>TOTAL</b>					<b>1,277,719</b>
<b>POLICY YEAR 2006-2007</b>					
09-0210	12/31/2006	Walnut Valley Water District	strained wrist performing job duties.	Closed	147,834
07-8338	08/09/2006	Western Municipal Water District	electrical shock while operating backhoe when struck 12kv underground electric cable.	Closed	132,512
<b>TOTAL</b>					<b>280,346</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2007-2008</b>					
08-9328	08/29/2007	Clear Creek Community Services District	strained right shoulder moving broken concret pieces by hand.	Closed	259,507
08-9423	10/10/2007	Mammoth Community Water District	abrasions on right hip and lower back when hi with backhoe.	Closed	225,344
08-9761	02/27/2008	Merced Irrigation District	strained lower middle back while moving kelly bar with anchors and anchor rod attached.	Closed	215,266
08-9373	09/17/2007	Sweetwater Authority	strained lower back while mixing cement in wheelbarrow.	Closed	159,007
08-9474	11/13/2007	Yolo County Flood Control & Water Conservation District	broke right leg above ankle when fell off ladde while painting.	Closed	428,599
<b>TOTAL</b>					<b>1,287,724</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

**66**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2008-2009</b>					
09-0674	03/18/2009	Consolidated Irrigation District	strained neck and right shoulder when grader stopped suddenly after running over stump.	Closed	390,133
09-0906	06/17/2009	Consolidated Irrigation District	left ankle and bilateral legs when boot got tangled on mower door while trying to get off mower.	Closed	252,293
09-0782	03/19/2009	Crescenta Valley Water District	strained lower back and ankle when lost balance and fell while inspecting work at reservoir.	Closed	193,800
09-0606	02/18/2009	Crescenta Valley Water District	strained lower back and right sciatica while shoveling.	Closed	233,251
09-0819	05/17/2009	East Contra Costa Irrigation District	strained right bicep while opening inline valve.	Closed	103,078
09-0159	08/13/2008	El Dorado Irrigation District	strained right knee, cut right elbow when fell when climbing onto backhoe trailer when missed handle.	Closed	158,540
09-0877	06/04/2009	Elsinore Valley Municipal Water District	strained bilateral arms, elbow and wrists from doing repetitive computer and lab work.	Closed	2,014,217
09-0655	03/18/2009	Laguna Beach County Water District	legs, neck and back when fell 20 ft off fence when bricks gave way, landing on hood of truck, while climbing over dist fence to enter parking lot because driver forgot remote for gate.	Closed	333,330
09-0673	03/17/2009	Merced Irrigation District	strained right shoulder while pulling boards ou of the weirs to send water downstream.	Closed	470,054
09-0324	10/06/2008	Mesa Water District	strained lower back and right shin when he stepped on a curb and fell while digging a hole	Closed	506,290
10-1016	05/23/2009	Patterson Irrigation District	injured right hip and back, cause unknown.	Closed	165,066
09-0822	05/18/2009	Ramona Municipal Water District	strained left shoulder and neck while tying backhoe to trailer when binder came loose jerking the arm back.	Closed	150,975
<b>TOTAL</b>					<b>4,971,029</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2009-2010</b>					
10-1719	05/31/2010	Antelope Valley-East Kern Water Agency	strained left knee while walking on gravel.	Closed	259,838
10-1142	09/21/2009	Bella Vista Water District	strained left knee while stepping off step.	Closed	166,626
10-1379	01/11/2010	Crescenta Valley Water District	bruised left ribcage, hip and pelvis when slipped while descending ladder after filling vactor truck with diesel.	Closed	296,246
10-1730	06/14/2010	East Contra Costa Irrigation District	injured rt elbow, left hip, back, shoulder and had difficulty breathing when fell while walking down stairs carrying a moss hook.	Closed	195,390
10-1407	12/17/2009	Elsinore Valley Municipal Water District	strained neck and shoulder when backing dist truck when left rear tire left pavement and truck slide down slope then rolled.	Closed	134,328
10-1697	05/18/2010	Helix Water District	bilateral knees and back from repetitive walking, climbing ladders, kneeling and squatting.	Closed	756,149
10-1396	01/18/2010	Orange County Water District	bruised left hip and left shoulder when slipped and fell while reading water gauge in the rain.	Closed	125,405
10-1273	11/11/2009	San Luis Water District	injured chest, back and right thigh when dump truck overturned because the load shifted.	Closed	107,065
10-1349	12/23/2009	Serrano Water District	leg burns from using a cut off saw	Closed	102,707
10-1723	06/10/2010	South Coast Water District	strained right shoulder and right upper arm while cleaning sewer line.	Closed	107,943
10-1055	07/31/2009	Weaverville Community Services District	strained right shoulder while installing conduit in limited access attic.	Closed	111,230
10-1625	04/20/2010	Yolo County Flood Control & Water Conservation District	strained right foot and ankle when hopped down to get out of canal.	Closed	297,035
<b>TOTAL</b>					<b>2,659,961</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2010-2011</b>					
11-0848	06/28/2011	Beaumont-Cherry Valley Water District	struck and killed by motor vehicle while marking water line in street.	Closed	149,241
11-0833	05/19/2011	Cucamonga Valley Water District	repetitive injuries to neck, back, bilateral shoulders, knees, hips, legs and waist.	Closed	131,633
11-0718	03/24/2011	El Dorado Irrigation District	strained right shoulder while pulling "shoe" from manhole.	Closed	253,156
11-0654	03/31/2011	Glenn-Colusa Irrigation District	strained neck and back from repetitive operation of backhoe and other equipment.	Closed	149,039
11-0507	10/20/2010	Kern County Water Agency	injury to neck, rt upper extremity and bilateral feet, cause unknown.	Closed	323,879
11-0322	11/18/2010	Merced Irrigation District	strained right knee while walking on uneven ground while performing work activity.	Closed	131,750
11-0481	01/19/2011	Mesa Water District	injured while replacing gate chain rollers when struck by gate.	Closed	137,405
11-0437	01/05/2011	Mission Springs Water District	strained lower back moving tamper.	Closed	447,237
11-0049	07/22/2010	Moulton Niguel Water District	strained lower back while shoveling asphalt into truck.	Closed	223,350
11-0638	03/21/2011	Ramona Municipal Water District	injured left knee in 1997 when stood up after kneeling on retaining wall.	Closed	116,776
11-0789	01/13/2011	Reclamation District #108	unknown	Closed	153,478
11-0037	07/06/2010	South Feather Water and Power Agency	ears (hearing), bilateral knees, pulmonary, cause unknown.	Closed	246,582
11-0367	12/07/2010	Walnut Valley Water District	strained lower back while vacuuming a meter box.	Closed	121,606
<b>TOTAL</b>					<b>2,585,133</b>

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM  
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
FOR MONTH ENDING 12/31/2021**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2011-2012</b>					
12-0074	07/29/2011	Calaveras County Water District	injured left hand while driving forklift when forklift tipped over.	Closed	2,292,073
12-0488	01/24/2012	Carpinteria Valley Water District	strained bilateral hands, bilater wrists, forearm and rt shldr from repetitious job duties.	Closed	219,895
12-0083	08/02/2011	Desert Water Agency	sprained lower back while tightening bolts on gate valve.	Closed	113,017
12-0055	07/18/2011	Elsinore Valley Municipal Water District	strained lower back and bruised tailbone wher fell backwards after tagging a sprinkler.	Closed	149,787
12-0484	01/26/2012	Helix Water District	strained left knee when slipped on debris on asphalt while hooking bag to crane.	Closed	100,291
12-0518	02/08/2012	Moulton Niguel Water District	injured left foot, left arm and right leg when tripped on paper roll and fell into desk then floor.	Closed	108,690
12-0797	06/20/2012	Solano Irrigation District	strained lower back and left hip when slipped while coming down ladder.	Closed	184,046
<b>TOTAL</b>					<b>3,167,799</b>



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SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000  
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<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2012-2013</b>					
13-0396	01/04/2013	Alta Irrigation District	injured left hip and leg when dump truck flipped and rolled over after load of soil was dumped.	Closed	132,916
13-0399	01/08/2013	Central Basin Municipal Water District	concussion when leg gave way while walking out of meeting and hit head against a wall.	Closed	371,079
13-0504	02/14/2013	El Toro Water District	depressed, stressed, and has sleep disorder, cause unknown.	Closed	110,742
13-0128	08/24/2012	Mammoth Community Water District	ruptured right hamstring while digging dirt with shovel.	Closed	115,218
14-0007	05/14/2013	Mammoth Community Water District	injured left hip while riding in golf cart over bumps and tree roots to an inspection site.	Closed	104,453
13-0195	09/26/2012	Merced Irrigation District	strained lower back while lifting 5 gallon buckets out of back of pickup.	Closed	187,206
13-0092	08/09/2012	Merced Irrigation District	lacerated top of head while operating bulldozer on uneven land when hit head on top of dozer.	Closed	168,904
13-0129	07/13/2012	Paradise Irrigation District	strained left shoulder from doing prep and installing asphalt	Closed	109,128
13-0306	10/28/2012	Paradise Irrigation District	strained back and neck while turning off main control valve.	Closed	218,372
13-0454	02/01/2013	Stockton-East Water District	dislocated right shoulder when slipped and fell while walking on wet concrete pads.	Closed	185,687
13-0206	09/25/2012	Sweetwater Authority	strained neck, shoulders, upper extremities, elbows, wrists, hands and fingers while doing repetitive and cumulative work activities	Closed	112,953
13-0319	11/19/2012	Vallecitos Water District	strained lower back while carrying two 55 lb buckets of chlorine.	Closed	487,730
13-0324	11/20/2012	Vallecitos Water District	strained mid and lower back and shoulder while turning off 2" arms due to blow meter gasket.	Closed	180,098
13-0067	07/27/2012	Yolo County Flood Control & Water Conservation District	strained lower back while adjusting fan belts when mount broke.	Closed	381,383
<b>TOTAL</b>					<b>2,865,868</b>

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<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2013-2014</b>					
14-0615	04/09/2014	Banta Carbona Irrigation District	strained mid back while spraying weeds from tractor when hit pothole in road.	Closed	174,040
14-0141	08/19/2013	Beaumont-Cherry Valley Water District	sprained knee after twisting ankle and falling on rocks.	Closed	150,861
14-0286	11/08/2013	Crescenta Valley Water District	incurred contusions to lower back, wrists, elbows and shoulders after tripping over boulders.	Closed	166,347
14-0308	11/22/2013	Helix Water District	experienced ct to lft neck and shldr from daily work duties.	Closed	128,036
14-0736	01/21/2014	Las Virgenes Municipal Water District	ct to lft foot from water meter reading.	Closed	128,146
14-0311	12/04/2013	Mammoth Community Water District	strained left side of neck while lifting and lowering ice breaker into ice.	Closed	272,648
14-0360	09/11/2013	San Luis & Delta-Mendota Water Authority	strained back while lifting a pipe w/shovel as lever.	Closed	392,105
14-0145	08/21/2013	South Feather Water and Power Agency	strained left shoulder while moving materials of shelving.	Closed	146,510
14-0519	02/13/2014	Walnut Valley Water District	ct to lft shldr, leg, foot, stress and sleep due to unknown.	Closed	343,927
<b>TOTAL</b>					<b>1,902,619</b>
<b>POLICY YEAR 2014-2015</b>					
15-0670	05/14/2015	El Dorado Irrigation District	strained lft leg and back while walking and fell in hole.	Closed	111,314
16-0303	12/18/2014	Glenn-Colusa Irrigation District	exposed lungs while cleaning and picking up trash.	Closed	116,851
15-0386	01/07/2015	Mission Springs Water District	strained lower back and left leg exercising valve to close and valve broke.	Closed	107,554
15-0268	10/23/2014	Palmdale Water District	laceration w/possible partial dislocation of righ thumb while loading trucks when tonneau cover came down on hand.	Closed	206,289
15-0112	08/06/2014	Sweetwater Authority	alleges numbness in rt finger tips and pain from upper to lower shldr.	Closed	126,432
<b>TOTAL</b>					<b>668,440</b>

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<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
<b>POLICY YEAR 2015-2016</b>					
16-0196	09/16/2015	Goleta Water District	strained lft shldr pulling tape off box with hands.	Closed	114,004
16-0207	09/28/2015	Laguna Beach County Water District	sprained ankle and knee stepping in hole/uneven terrain.	Closed	179,536
16-0247	10/13/2015	Santa Clarita Valley Water Agency	fractured lft ankle walking on loose gravel and slipped.	Closed	170,972
<b>TOTAL</b>					<b>464,512</b>
<b>POLICY YEAR 2016-2017</b>					
17-0071	07/27/2016	Berrenda Mesa Water District	injured head, chin and shoulder when fell in parking lot.	Closed	184,355
17-0392	01/04/2017	Mojave Public Utility District	strained lower back, bilateral shoulders and neck when stepped back and fell over telephone pole.	Closed	100,767
17-0154	08/29/2016	Palmdale Water District	strained lft knee stepping out of vehicle into hole and fell.	Closed	142,337
17-0132	08/26/2016	Sweetwater Authority	strained right thumb while keyboarding.	Closed	100,571
17-0065	07/18/2016	Water Employee Services Authority	strained rt shldr cleaning sewer system; hit by hose and fell.	Closed	102,803
<b>TOTAL</b>					<b>630,833</b>
<b>POLICY YEAR 2017-2018</b>					
18-0063	07/31/2017	Calleguas Municipal Water District	ruptured right bicep while lifting a box of material onto forklift.	Closed	213,392
18-0350	12/13/2017	Corcoran Irrigation District	burned lower extremity cleaning up sulfuric acid and fell in hole with sulfuric acid.	Closed	238,831
18-0280	10/19/2017	Santa Clarita Valley Water Agency	strain to left hip/upper leg area while climbing 30 foot ladder in effluent vault	Closed	125,790
<b>TOTAL</b>					<b>578,013</b>
<b>POLICY YEAR 2019-2020</b>					
20-0483	12/30/2019	Sweetwater Authority	strained low back while bending over and moving traffic cones.	Closed	133,476
<b>TOTAL</b>					<b>133,476</b>
<b>GRAND TOTAL</b>					<b>40,727,072</b>

# JPIA MEETING & CONFERENCE CALENDAR – 2022

MEETING DATES	BOARD OF DIRECTORS	EXECUTIVE	PERSONNEL	FINANCE & AUDIT	PROGRAMS				RISK MGMT
					Emp. Benefits	Liability	Property	Work Comp	
JAN 26			11:00 AM						
JAN 31		1:00 PM							10:00 AM
STRATEGIC PLANNING SESSION MARCH 2-4									
MAR 30		1:00 PM		10:00 AM					
MAY 2	1:30 PM	10:15 AM							
ACWA SPRING CONFERENCE MAY 3-6 - SACRAMENTO									
JUNE 15			11:00 AM TBD						
JUNE 20							3:00 PM	1:00 PM	
JUNE 21		9:00 AM							
JULY 18		1:00 PM			9:00 AM				
CAJPA CONFERENCE – SEPTEMBER 13-16 – LAKE TAHOE									
SEPT 21			11:00 AM TBD						
SEPT 28		1:00 PM		8:30 AM		10:30 AM			
Nov 28	1:30 PM	10:15 AM							
ACWA FALL CONFERENCE – NOVEMBER 28 – DECEMBER 2 – INDIAN WELLS									