

Risk Management Committee Meeting

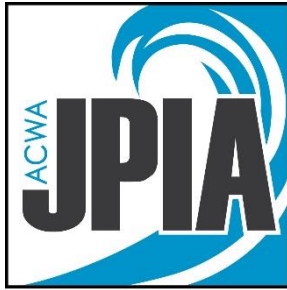


YOUR BEST PROTECTION

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

Monday
January 30, 2023
2:00 P.M.

Chair: Fred Bockmiller, Mesa Water District
Vice-Chair: David Drake, Rincon Del Diablo MWD
Ron Duncan, San Geronio Pass 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
Dan York, Sacramento Suburban Water District



RISK MANAGEMENT COMMITTEE MEETING AGENDA

JPIA Executive Conference Room
2100 Professional Drive, Roseville, CA 95661
(800) 231-5742 - WWW.ACWAJPIA.COM

Monday, January 30, 2023, 2:00 P.M.

Zoom Link Meeting ID: 661 516 2566; Password: 1234; Telephone No.: 1 (669) 900-6833
This meeting shall consist of a simultaneous Zoom teleconference at the ACWA JPIA, 2100 Professional Drive, Roseville, CA 95661 and the following remote sites:

- Cota
- Gonzalez
- Kuhn
- York

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.

EVACUATION PROCEDURES

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

Page#

I. CONSENT AGENDA

Bockmiller

- * A. Approve the minutes of the meeting of January 31, 2022.
- B. Report on meetings attended on behalf of the JPIA.

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II. RISK CONTROL DEPARTMENT UPDATE

Flint	* A. Report on Risk Control Department 2021/22 Fiscal Year Summary.	9
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Flint/Advisors	* D. Report on Commitment to Excellence Program Ergonomic/Falls Prevention Loss Reduction Focus – FIT Pilot Program.	21
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Watkins	* F. Review and make recommendation on the Recreation and Special Events Policy.	34

III. ADMINISTRATION/TRAINING

Crawford	* A. Training Update.	53
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IV. LOSS REPORTS

Sells	* A. Review Claims Analysis for Liability, Property, and Workers' Compensation Programs.	57
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V. UPCOMING MEETINGS

Bockmiller	A. There are no additional meetings scheduled for the remainder of the year.	
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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, 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.



Risk Management Committee Meeting

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

January 31, 2022

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

MEMBERS PRESENT

Chairman: Fred Bockmiller, Mesa Water District
Vice-chair: Brent Hastey, Yuba Water Agency
Bob Kuhn, San Gabriel Basin Water Quality Authority (*arrived 11:10 a.m.*)
John Weed, Alameda County Water District
Tanesha Welch, Madera Irrigation District
Dan York, Sacramento Suburban Water District

MEMBERS ABSENT

Eddie Gonzalez, Desert Water Agency
Gaby Olson, Valley Center Municipal Water District

STAFF PRESENT

Chief Executive Officer/Secretary: Walter "Andy" Sells
Adrienne Beatty, Assistant Executive Officer
Thor Benzing, Senior Risk Control Advisor
Mathew Bunde, Senior Risk Control Advisor
Chimene Camacho, Executive Assistant to the CEO
Jesse Cota, Senior Risk Control Advisor
Sarah Crawford, Training Manager
David deBernardi, Director of Finance
Robin Flint, Risk Control Manager
Robert Greenfield, General Counsel
Peter Kuchinsky II, Lead Risk Control Advisor
Terry Lofing, Administrative Assistant III (*Recording Secretary*)
Jennifer Nogosek, Liability/Property Claims Manager
Lee Patton, Senior Risk Control Advisor
Jeremy Sadler, Risk Control Advisor
Patricia Slaven, Director of Human Resources and Administration
Sandra Smith, Employee Benefits Manager
Dan Steele, Finance Manager

Melody Tucker, Workers' Compensation Manager
Chuck Wagenseller, Cost Estimator/Risk Control Advisor

OTHERS IN ATTENDANCE

David Drake, Rincon Del Diablo Municipal Water District
E.G. "Jerry" Gladbach, Santa Clarita Valley Water Agency
Melody McDonald, San Bernardino Valley Water Conservation District
Randall Reed, Cucamonga Valley Water District
J. Bruce Rupp, Humboldt Bay Municipal Water District
Cathy Green, ACWA Vice President, Orange County Water District

WELCOME

Chairman Bockmiller welcomed everyone in attendance.

CALL TO ORDER AND ANNOUNCEMENT OF QUORUM

Chairman Bockmiller called the meeting to order at 10:02 a.m. Chairman Bockmiller announced that there was a quorum.

ANNOUNCEMENT RECORDING OF MEETING

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

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

PUBLIC COMMENT

There was no public comment.

INTRODUCTIONS

Chairman Bockmiller introduced Cathy Green, Orange County Water District, and Jeremy Sadler, JPIA Risk Control Advisor.

ADDITIONS TO OR DELETIONS FROM THE AGENDA

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

CONSENT AGENDA

Chairman Bockmiller called for approval of the minutes of the February 9, 2021, meeting:

M/S/C (Hastey/York) (Bockmiller-Yes; Hastey-Yes; Weed-Yes; Welch-Yes; York-Yes): That the Risk Management Committee approve the minutes of February 9, 2021.

REPORT ON MEETINGS ATTENDED ON BEHALF OF THE JPIA

None reported.

RISK CONTROL DEPARTMENT UPDATE

Risk Control Department 2020/21 Fiscal Year Summary

Ms. Flint reported that Risk Control staff conducted 177 risk assessment visits, 59 consultations, and four virtual classes during the year. Additionally, seven virtual Professional Development Program (PDP) courses were developed and conducted. Thirty-one safety awards were presented, and 11 Grant Program awards were issued.

There were challenges during the year due to COVID-19 that include public health orders to stay at home, members requesting no in-person visits, and issues with internet connections while doing virtual risk assessment meetings.

Two new members were onboarded during this time. Otay Water District joined in July 2020, and San Bernardino Valley Municipal Water District joined in July 2021.

Service Plans with members focused on hazard identification, corrective actions, and site visits.

The Risk Control staff demonstrated resiliency in action with department meetings being conducted using Zoom and a virtual Amazon Fulfillment Center tour.

Review Commitment to Excellence Webpage of Best Practices/Resources

Ms. Flint demonstrated where the Commitment to Excellence (C2E) Best Practices resources are located on the JPIA's website. Six loss reduction focus areas are listed. Vehicles Operations Best Practices were highlighted, showing the available templates members can customize for their needs, and Standard Operating Procedures that were given to us by other JPIA members. A "Resource Quick Search" is available to quickly find more in-depth information.

Canal Failure/Flooding resources were added due to increased rodent activity leading to canal failures. The JPIA will hold a new webinar for *Managing Ground Squirrels and Pocket Gophers* in March 2022.

Summary Analysis of the 2020/21 Risk Assessment Focus Areas

Risk Advisors will continually promote the JPIA's Commitment to Excellence Program, the Professional Development Program, and the Risk Control Manual during risk assessment visits due to new staff and directors at the districts. The C2E is the foundation for the H.R. LaBounty Safety Awards Program and Risk Control Grant Program. The Risk Advisors will maintain relevant and timely best practices resources; and will monitor, evaluate, and develop innovative programs and resources to meet the needs of our membership and the JPIA.

Update on the 2021/22 Risk Assessment Focus Areas

The focus areas for 2021/22 include Recreation and Special Events, Volunteer Resolutions for Liability Program members, and Return-to-Work for industrial injuries/illnesses.

Recreation and Special Events

Mr. Patton stated that the JPIA's Recreation Policy was developed in May 1998. It includes Class 1 and 2 events held at members' facilities. Class 3 events require approval from the Executive Committee for events such as swimming pools, water parks, and water playgrounds.

A Class 3 review was recently done at Mission Hills Community Services District for recreational facilities that are installed on the District's property. Risk Control staff made recommendations to establish a maintenance plan, have an inspection done by a certified playground safety inspector, and improve signage around the facilities.

Volunteer Resolutions

In November 1997, the JPIA's Board of Directors approved a recommendation that requires all Liability Program members to adopt a Volunteer Resolution, making volunteers subject to Workers' Compensation coverage.

Mr. Kuchinsky covered the benefits to members of having a Volunteer Resolution.

Return-to-Work Programs

Mr. Benzing highlighted the benefits to employees and members of having a Return-to-Work Program for industrial injuries/illnesses.

Summary Loss Review

Mr. Bunde provided a review of a claim at Fresno Irrigation District. A canal overflowed and affected 200 vehicles and auto parts in a junkyard. The District is doing regular canal maintenance. The root cause of the claim was undetermined. The claim was denied because the claimant failed to provide a list of damaged items.

Mr. Bunde conducted Incident Investigation training with the District's Safety Manager. He reviewed the incident investigation process and provided recommendations. The canal maintenance and inspection process will be reviewed with the District at the next in-person risk assessment visit.

ADMINISTRATION/TRAINING

Training Update

Ms. Crawford reported that members are accessing training through VectorSolutions, live webinars via WebEx and Zoom, and JPIA Prosperity eLearning. Fifty new online videos and new DVDs were added to the JPIA's Lending Library in July 2021. Ms. Crawford reported that online training has seen huge spikes in usage due to the pandemic.

Graphs were provided in the packet showing PDP course completions and a list of graduates.

New courses were developed by JPIA staff in Prosperity eLearning training. These are interactive, in-house developed courses available on-demand 24 hours a day, seven days a week. New resources will continue to be purchased for online options and virtual offerings via live, instructor-led courses, and eLearning until in-person classroom training can begin in 2022.

LOSS REPORTS

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

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

Liability Program

The self-insured retention (SIR) has increased over the years from \$1 million to \$5 million shared by the member agencies. Fifty million in excess insurance is purchased over \$5 million SIR for a total of \$55 million in coverage. The dark red bars on the graph represent pooled losses. The lighter colored bars on top, indicate losses in excess of pooled losses paid by the excess carriers.

The Occurrences per \$1 Million of Payrolls graph shows a very stable Liability Program.

Property Program

The Property Program has a much smaller SIR at \$100,000. Here excess insurance plays a larger role. Losses falling within the excess insurance layer are more frequent. Wildfire losses are having the greatest impact on raising excess insurance rates.

The graph showing the number of occurrences is very steady.

Workers' Compensation Program

The Workers' Compensation Program is very stable. The SIR is \$2 million. There has not been a rate increase in the Workers' Compensation Program in several years and the Program continues to do well.

UPCOMING MEETING(S)

There are no additional Risk Management Committee meetings scheduled for 2022. Chairman Bockmiller adjourned the meeting at 12:03 p.m.

ACWA JPIA
Risk Control Department 2021/22 Fiscal Year Summary
January 30, 2023

BACKGROUND

The Risk Control Department provides on-site or virtual risk assessments, consultative services, loss reviews, and training services to JPIA members participating in our Workers' Compensation, Liability, and Property Programs. The JPIA 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 control programs.
- Provide ergonomic evaluations.
- Act as a resource for model safety and risk control 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 that is designed to facilitate a strategic investment by a member's management team in their risk control 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 2021/22 fiscal year.

RECOMMENDATION

None, informational only.

ACWA JPIA 2021/2022 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.

Centerville Community Services District (CCSD) – Generac Generator

Located within a high wildland fire risk area, CCSD endured the Carr Fire (2018), and the Zogg Fire (2020), as well as multiple Public Safety Power Shutoffs (PSPS). The District receives most of its power from PG&E, and as a result, CCSD is often subject to frequent power outages during times when power is most critical. The District has installed a power generator to replace existing temporary portable gas power at the Diggins Repeater Station. The District's Resource and Planning Committee approved this enhancement. The installation of this propane generator, contained within its own security shell, will provide residents and firefighters with access to a source of water. This installation can also reduce potential losses by providing a reliable water system, and may **eliminate** the need for employees to visit this location during an active wildland fire. This improvement is also in line with the JPIA's Commitment of Excellence (C2E) *best practice – Wildfire Prevention*.

Calaveras Public Utility District (CPUD) – Cybersecurity Upgrade

CPUD can upgrade its network allowing the District to monitor new connections to its system. The District plans to secure assets against interference by upgrading multiple systems and remote terminal units to reduce potential *equipment failure*, which is a JPIA C2E *Infrastructure* best practice. With this network upgrade, operators will have the ability to control pumps remotely and potentially decrease the District's exposure to malicious interference and **eliminate** the need to be on-site. The installation and upgrade of a cybersecurity system minimizes the potential for a cyberattack that may compromise customer information and threaten water security.

Mid-Peninsula Water District (MPWD) – Risk Resiliency Assessment

MPWD conducted a Risk and Resiliency Assessment (RRA) in response to America's Water Infrastructure Act (AWIA). The RRA benefits the District and the community it serves to address potential issues with malevolent acts within the water systems, which are **engineering controls**. Based on the recommendations, the District created a strategic plan to identify vulnerabilities and improve organizational management practices. The goal is to reduce risk and lost productivity due to *equipment failure* if systems were compromised, which is a JPIA C2E *Infrastructure* best practice. Mid-Peninsula Water District may develop Standard Operating Procedures (SOPs), including security controls and password management which are **administrative controls**.

ACWA JPIA 2021 /2022 Risk Control Grant Program Recipients

Vandenberg Village Community Services District (VVCSD) – Pres Tech Valve Operator

With the purchase of a Pres Tech Valve Operator, VVCSD plans to automate exercising over 500 valves. Altering work operations from manual to automation is a **substitution control**. This process can help improve safety and health in the workplace by reducing employees' exposure to potential injuries. This new process can potentially **eliminate** the use of paper maps for locating valves, as the valve operator is integrated with Global Positioning System (GPS). The valve operator can catalog the exact location of valves allowing a rapid response which are best practices in the *C2E Infrastructure Waterline Failure* and *Ergonomics Operations Equipment* loss reduction focus menus.

Walnut Valley Water District (WVWD) – EchoShore Leak Detection

Aging infrastructure is a challenge faced by numerous water agencies including WVWD. To address this issue, the District seeks to utilize a leak detection system to identify underground water leaks. This prevention method is a *C2E Infrastructure Waterline Failure* best practice. The District hopes to deploy 30 EchoShore nodes, as a 90-day pilot and monitor sections of the water system for problematic areas. These leak sensors are integrated into a fire hydrant cap with zero impact on customers, fire services, and water operations staff. If this pilot is successful, WVWD can **eliminate** leak inspections and can identify precise locations needing repair, saving time and water.

San Luis and Delta-Mendota Water Authority (SLDMWA) – Garmin inReach Satellite Communicators

The greatest risk when working alone is not having help readily available if an emergency occurs. With the assistance of satellite communication devices, SLDMWA may locate a lone worker quickly by GPS and can communicate with employees in areas with no cellular service. Having the ability to reach out in the event of an emergency and ensuring workers are quickly located is an **administrative control**. This lone worker program meets regulatory compliance with [Cal/OSHA Heat Illness Prevention \(8 CCR 3395\)](#) and improves response by aligning with *C2E Wildfire Prevention* best practices.

Yorba Linda Water District (YLWD) – Air-Tow Drop Deck Trailer

Manually loading and unloading heavy equipment or supplies from ground level to a three foot high trailer has the potential for an employee to suffer a serious injury. To mitigate this potential hazard, YLWD purchased an Air-Tow Drop Deck trailer to support the District's ergonomic program, a C2E best practice and protect against property and workers' compensation losses. The trailer bed can be lowered with the push of a button to rest on the ground allowing lift-assisted equipment to help load/unload **eliminating** the need to manually handle the equipment and supplies.

ACWA JPIA 2021/2022 Risk Control Grant Program Recipients

Santa Clarita Valley Water Agency (SCV Water) – Kenwood Emergency Radios

Based on SCV Water emergency preparedness planning, if cellular communications are disrupted the Agency could lose 70 percent of its communication capabilities. With the purchase and installation of mobile radios into all Agency vehicles, SCV Water could improve communications with essential personnel by implementing this **engineering control**. The Agency can improve its response and recovery plan, a *C2E Wildfire Prevention* best practice, and continue protecting assets while potentially reducing claims.

Carmichael Water District (CWD) – Backup Power Generator

Over the last two years, CWD had four long-term power outages resulting in pressure loss at multiple locations impacting water distribution to thousands of customers. CWD plans to improve their facilities protection and readiness, consistent with the *C2E Wildfire Prevention* best practice, by equipping five well locations with standby power sources to maintain water distribution to all customers, **eliminating** the need for an outside power source. These generators have the potential to reduce losses and **eliminate** potential claims.

North Coast County Water District (NCCWD) – Security System

NCCWD houses multiple water tanks and continues to be affected by losses caused to tanks from rock pelting. Adding a camera monitoring system to the site would provide an additional layer of security that is necessary to protect the District's infrastructure and water supply. This system has the potential to **eliminate** the occurrences of vandalism at the site and allow staff to easily monitor the area after hours and report any incidences. The implementation of a video surveillance system is a *C2E Infrastructure* best practice.

South Coast Water District (SCWD) – Heavy Equipment Operator Certification Program

Two of the top four hazards construction workers face are classified as caught-in/between and struck-by accidents, caused by failure to properly operate heavy machinery. SCWD plans to create classroom activities and field exercises that are linked specifically to vehicle operations and injury reduction in a five-day certification program. The District is applying **administrative controls** to train and certify staff on properly operating heavy equipment and may incorporate specific SOPs into this program. Promoting staff development through job-specific training is a *C2E Employment Practices* best practice, and ensures the safety of those around a worksite. This program may assist other agencies with a benchmark for risk management and loss control techniques.

ACWA JPIA
Summary Analysis of 2021/22 Risk Assessment Focus Areas
January 30, 2023

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. Uniformed 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 correlates 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 2021/22 risk assessment focus areas were reviewing or advising on risk reduction methods associated with Recreation/Special Events, Volunteer Resolution, and Return to Work Program for industrial accidents. A summary analysis will be reviewed.

RECOMMENDATION

None, informational only.

ACWA JPIA
2022/23 Risk Assessment Focus Areas
January 30, 2023

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

CURRENT SITUATION

The 2022/23 risk assessment focus areas are Accident/Incident Investigation, Drones, and Emergency Preparedness and Response. The Advisors will share best practices and JPIA resources to encourage members to update their loss prevention practices. Highlights of risk assessment focus areas are attached and shared by staff.

RECOMMENDATION

None, informational only.



November 17, 2022

Mr. Phillip Desatoff, General Manager
Consolidated Irrigation District
P.O. Box 209
Selma, California, 93662-0209

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

Dear Mr. Desatoff:

This letter is a follow-up to my visit on November 2, 2022. The purpose was to provide the District with information on risk management services, review past claims, and tour the District. Please thank Michael Carbajal, Assistant General Manager; Tanya Ruiz, H.R. Coordinator; and Gary Ehoff, Supervisor, for their time during my visit.

Site Visit

During this visit, we toured the District's new flow structure and headgate. SCADA remains to be installed at the flow structure; currently, there is no fencing around the facility. We discussed best practices such as adding fencing and securing SCADA and electrical panels to deter theft. "No Trespassing" signage or stenciling on concrete is recommended so law enforcement can be called if necessary. A large oak tree is adjacent to the structure and could cause damage if one of the large limbs broke off. Gary discussed potential options for reducing this risk, such as trimming the tree.

We also discussed the increase in ground squirrel and gopher populations throughout the Central Valley. Surrounding irrigation districts have identified an increase in rodent activity and risk. The University of California Pest Management Program has online [Ground Squirrel and Gopher training](#) that reviews best practices and multi-control approaches to control rodent populations. The training is free; however, for a small fee Certified Applicators can receive CEUs. For districts looking to create a new Standard Operating Procedure (SOP) or review the current program, JPIA has a [sample Operating Guide](#). The University of California also has a [ground squirrel best management practices website](#).

Loss Review

The experience modification rate (E-Mod) in the Workers' Compensation Program (WC) is currently 0.74. The E-Mod for the Liability Program is presently 1.08. This modifier is applied to the base premium. Any modifier below 1.0 is positive and indicates savings to the District. There is no E-Mod for the Property Program.

The District had four new workers' compensation claims, zero liability claims, and zero property claims in the previous policy year. Most of the claims were related to slip, trip, and fall incidents. Historically, falls from the same level have more claims and larger overall losses than falls from heights in the pool. JPIA recommends districts review the [Commitment to Excellence Program \(C2E\)](#) section on *Falls* for potential corrective actions to reduce these risks. Many districts implement a boot program to ensure employees have proper safety footwear to minimize slips and falls associated with footwear. The JPIA also has safety [Fact Sheets and other safety publications](#) that can be used at department toolbox safety talks to discuss hazards such as [slips, trips, and falls](#).

Program Review

This policy year, the JPIA's Risk Management team is reviewing the following three items with members: Accident Investigation, Drones, and Emergency Preparedness.

Accident Investigation

As part of Cal/OSHA's Injury and Illness Prevention Plan (IIPP), employers are required to conduct accident investigations. The investigation aims to identify the root cause and other factors that may have contributed to the incident, including items such as unsafe conditions, poor procedures, lack of training, improper equipment, or other factors. These same principles can be applied to all incidents, including injuries, property damage, equipment failure, waterline failure, canal failure, and others. The Risk Control Manual, **Section 9: Accident and Incident Investigation**, has a sample [Supervisor Report](#) to assist in identifying root causes. Tanya and Gary verified that the District has been performing accident investigations and identifying root causes.

Drones

Members are beginning to utilize drones in areas that may be difficult to access or have an increased risk to a worker. Drones can be an effective engineering control in those circumstances. However, there is some liability to a member who operates drones. The JPIA has developed best practices as part of the [Commitment to Excellence Program \(C2E\)](#) for members who use or hire a vendor to operate drones. Anyone operating drones on district property must have a Remote Pilot Certification from the FAA. For additional information and requirements, review the [Drone section under Infrastructure in the C2E manual](#). Contact Member Services to ensure property and liability coverage if the District acquires a drone. Currently, the District is not using drones.

Emergency Preparedness

Members must be prepared for emergencies that will affect operations. Whether a natural disaster or an operational one, having an Emergency Response Plan will make a significant difference in operations. The EPA has various [Incident Action Checklists](#) specifically for water utilities that simplify the creation of a Response Plan for emergencies such as floods, wildfires, earthquakes, and many more. The JPIA recommends members attend the State of California [Standardized Emergency Management System \(SEMS G606\) Training](#) and the Federal Government [National Incident Management System \(NIMS 100 and 700\)](#) training to ensure districts can participate in local and regional emergency operations centers, and be eligible for disaster reimbursement funds in the case of an emergency.

Mr. Phillip Desatoff, General Manager
Consolidated Irrigation District
November 17, 2022
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The JPIA also recommends that districts participate in local, regional, and statewide mutual assistance programs such as [CalWARN](#).

I want to thank Consolidated Irrigation District for its membership and participation in the pooled programs. Please contact me if you have any questions or need further assistance. I can be reached at mbunde@acwajpia.com or (661) 573-5110.

Sincerely,



Mathew Bunde, CSP
Senior Risk Control Advisor

1117:tl

c: Gary Ehoff, Supervisor
Tanya Ruiz, Human Resources Coordinator
JPIA Member Services
JPIA Risk Management Committee
Earl Hudson, JPIA Board Member



December 6, 2022

Ms. Lisa Faris, Office Manager
Montague Water Conservation District
P.O. Box 247
Montague, CA 96064-0247

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

Dear Ms. Faris:

I had the pleasure to visit Montague Water Conservation District and meet with Rob Jochim, General Manager, on November 17, 2022. The purpose was to obtain an update on District operations, review loss history, and evaluate risk exposures. Please extend my appreciation to Rob for his time and consideration. Below are highlights of our discussions and related resources.

It was great to learn about the improvements the District is making on lining sections of the canal. Focusing on sections of the canal with the greatest water loss is a [Commitment to Excellence Program \(C2E\) Infrastructure](#) best practice.

We also discussed the increase in ground squirrel and gopher populations throughout the area. The University of California Pest Management Program has free online [Ground Squirrel and Gopher training](#) that reviews best practices and multi-control approaches to control rodent populations. For districts looking to create a new Standard Operating Procedure (SOP) or review the current program, the JPIA has a [sample Operating Guide](#). The University of California has a [ground squirrel best management practices website](#).

We reviewed the [JPIA's Risk Control Grant Program](#) designed to promote the implementation of best practices that will prevent or mitigate losses in the JPIA's Workers' Compensation, Liability, and Property Programs. The Grant Program incentivizes members to renew their Commitment to Excellence and adopt best practices applicable to their operations to reduce exposures and claims. Recent grant recipients included applications for leak detection equipment, remote monitoring controls, and emergency communication equipment. Members are invited to submit a grant submission for up to \$10,000 annually. Applications for next year may be submitted between October 2, 2023 and December 1, 2023. For information on the Grant Program, please refer to our [webpage](#).

We discussed [SB 1343, Employers: Sexual Harassment Training](#) which amends and extends this training requirement by California employers. This bill now requires an employer who employs five or more employees, including temporary or seasonal employees, to provide at

Ms. Lisa Faris, Office Manager
Montague Water Conservation District
December 6, 2022
Page 2

least two hours of Sexual Harassment training to all supervisory employees, and at least one hour of Sexual Harassment training to all non-supervisory employees by January 1, 2020, and once every two years thereafter. For training resources on AB 1825 and SB 1343, click [here](#) for JPIA's Learning Management course, or you may utilize [VectorSolutions](#). You may also view the JPIA's Training Calendar of [upcoming live webinars](#) on Sexual Harassment Prevention.

Loss History

The JPIA looks at losses that have occurred over the last five policy years. These claims have the most impact on insurance costs and can assist in identifying trends, training, and risk reduction efforts. We discussed the District's loss histories and associated Experience Modification (E-Mod) rates. In the Workers' Compensation (WC) Program, the District's E-Mod in the 2021/22 policy year is 0.79. The E-Mod in the Liability Program remains steady at 0.94. While there is no E-Mod in the Property Program, the District experienced two losses in the last five policy years.

Site Visits and Observations

We visited the following sites during our visit:

- Multiple sections of the canal
- Pumps 1-3
- Shasta River Dam

Thank you for the tour provided to me; all sites were secure.

RISK FOCUS FOR 2022/2023

Accident Investigation

As part of Cal/OSHA's Injury and Illness Prevention Plan (IIPP), employers are required to conduct accident investigations. The investigation aims to identify the root cause and other underlying factors that may have contributed to the incident; this could include items such as unsafe conditions, poor procedures, lack of training, improper equipment, or other factors. These same principles can be applied to all incidents, including injuries, property damage, equipment failure, waterline failure, canal failure, and others. The JPIA's **Risk Control Manual Section 9: Accident and Incident Investigation** has a sample [Supervisor Report](#) to assist in identifying root causes. Wayne verified that the District performs accident investigations and identifies the root causes.

Drones

Members are beginning to utilize drones in areas that may be difficult to access or that have an increased risk to a worker. Drones can be an effective engineering control in those circumstances. However, there may be potential liability exposure to a member who operates drones. The JPIA has developed best practices as part of the [Commitment to Excellence Program \(C2E\)](#) for members who use or hire a vendor to operate drones. Anyone operating drones on district property must have a Remote Pilot Certification from the FAA. For additional information and requirements, review the [Drone section under Infrastructure in the C2E manual](#). Contact our Member Services department if the District has a drone to ensure property and liability coverage.

Ms. Lisa Faris, Office Manager
Montague Water Conservation District
December 6, 2022
Page 3

Emergency Preparedness

Members must be prepared for emergencies that will affect operations. Whether it is a natural disaster or an operational one, having an Emergency Response Plan will make a significant difference in operations. The EPA has various [Incident Action Checklists](#) specifically for water utilities that simplify the creation of a Response Plan for emergencies such as floods, wildfires, earthquakes, and many more. The JPIA recommends members attend State of California [Standardized Emergency Management System \(SEMS G606\) Training](#) and the Federal Government [National Incident Management System \(NIMS 100 & 700\)](#) training to ensure districts can participate in local and regional emergency operations centers, and be eligible for disaster reimbursement funds.

The JPIA also recommends that districts participate in local, regional, and statewide mutual assistance programs such as [CalWARN](#).

I would like to thank Montague Water Conservation District for its membership and participation in the pooled programs. If you have questions or need further assistance, I can be reached at jsadler@acwajpia.com or (800) 231.5742, Ext 3113.

Sincerely,



Jeremy Sadler, ASP
Risk Control Advisor

1206:tl

c: JPIA Risk Management Committee
Keith Smith, JPIA Director

ACWA JPIA
Commitment to Excellence Program Ergonomic/Falls Loss Prevention –
FIT Pilot Program
January 30, 2023

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. In our C2E Ergonomic/Falls loss reduction focus category we promote both office and field activities that should be evaluated to determine ways to reduce factors that contribute to musculoskeletal pain and injuries (awkward posture, forceful exertion, pressure points, repetitive motion, and falls).

CURRENT SITUATION

Risk Advisors continually conduct ergonomic evaluations and promote C2E Ergonomics/Fall Prevention best practices in addition to the mitigation program with The Back School to train members' staff on office ergonomics. Risk Advisors also conduct awareness level ergonomics training courses for field and office employees.

Existing risk reduction methods by the JPIA have shown a decrease in strains or sprains injuries for office employees; however, strains or sprains injuries continue to be the loss leader for field employees in the JPIA's Workers' Compensation Program. While the JPIA has implemented multiple resources to reduce these losses for field workers, strains injuries are difficult to mitigate due to the vast variance of tasks and contributing factors associated with these types of injuries within the water industry.

In our effort to assist with reducing strains and sprains in the field and meet our C2E Ergonomics/Fall Prevention objectives, Risk Advisors analyzed our existing strains or sprains risk control efforts for field workers and proposed a strains reduction program for field employees.

The Risk Control Department received approval to conduct a pilot program which consists of two parts. Part one is a Service Plan assessing the Agency's strains/sprains hazards, looking at potential control methods, and a commitment by the Agency's leadership to implement agreed upon controls. Part two is hands-on ergonomic training with Future Industrial Technologies (FIT).

RECOMMENDATION

None, informational only.

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.

JPIA Strain Reduction Program for Field Employees Service Plan

Overview

Strain and sprain injuries continue to be the leading cause of loss for members within the workers' compensation pool. Thirty-six (36%) of all losses are related to strains/sprain injuries, with most of these losses occurring in the field. The JPIA is proposing a pilot strain reduction program to assist members in identifying hazards and implementing controls to eliminate or minimize these hazards. The JPIA has partnered with [Future Industrial Technologies \(FIT\)](#) to bring our members the best available field ergonomic training for water utility workers. FIT's Backsafe Training Program is an industry leader in strain reduction programs and will bring member-specific hands-on training to your field crews.

Cost

There are two cost options: Option A, JPIA will split 50/50 for the cost of the FIT training with the district. If the agency completes the control elements within six months after training, the district can request full reimbursement from JPIA for the district's FIT training costs. The initial member cost is \$33.50 per person for the 2022 calendar year. Option B is available for agencies that do not wish to split the costs, members would be required to complete all control elements before scheduling training. After completion of control elements, the JPIA would schedule training and pay 100 percent of training costs.

Straining Reduction Program Elements

Step 1: Assessment - JPIA Risk Advisors will assist your staff in assessing the district's current field ergonomic program, including task exposures to identify ergonomic hazards and potential injuries.

Step 2: Control Selection – JPIA Risk Advisors will assist your staff with updates to your ergonomic program, including recommendations of appropriate controls to reduce or eliminate hazards identified during assessment.

Step 3: Control Implementation – Implementation of identified controls will be initiated.

Step 4: Reimbursement – For Option A, the district can apply for reimbursement if control implementation is completed within six months after FIT training.

JPIA Strain Reduction Program for Field Employees

Service Plan Agreement

DISTRICT NAME

This service plan is designed to assist members in assessing ergonomic hazards and implement controls to mitigate sprain/strain-related injuries for their field employees and focuses on best management practices. This plan has three parts: Assessment, Control Selection, and Controls Implementation.

Assessment

The member agrees to conduct an assessment with the support of the JPIA Advisor on the following checked items (at least three items, bold items are required):

- ☒ **Sign Commitment to Excellence Program (C2E) Agreement (required).**
- ☐ Review accident investigation and near misses for the last 3-5 years, including controls implemented.
- ☐ Review one of the following: Ergonomic Policies, Procedures, or Job Hazard Analysis (JHA).
- ☐ Review return to work policy and/or job descriptions.
- ☐ Review all ergonomic training in the last 3-5 years, including toolbox training.
- ☐ Conduct C2E Opportunity Review – Ergonomic worksheet.
- ☐ Other: _____
- ☐ Other: _____

Identify High-Risk Activities:

- | | |
|---------------------------------------------------------------------|--------------------------------|
| <input type="checkbox"/> Manual Material Handling | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Shoveling | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Valve turning | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Use traffic cones | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Hydrant maintenance | |
| <input type="checkbox"/> Weir boards | |
| <input checked="" type="checkbox"/> Backhoe, dump truck, or similar | |
| <input type="checkbox"/> Trailers | |

JPIA Strain Reduction Program for Field Employees
Service Plan Agreement
DISTRICT NAME

After Assessment list findings:

List any additional findings discovered during assessment.

Control Selections (Complete after assessment, select 4 or 5 controls. Bold items are required).

☒ **Future Industrial Training (FIT):** Backsafe hands-on training (two hours). The minimum class is size 15 with a maximum of 20.

Exact number of employees to attend training (Field Employees/Supervisors) _____
Member will provide their Risk Advisor with a complete list of employees to enroll through FIT's Program Manager.

Option A: Member agrees to cost-share 50 percent at \$33.50 per person. FIT training cannot be scheduled until the completion of assessment and controls are selected, if controls are completed within six months following the training, full reimbursement can be requested from the JPIA.

Option B: All controls must be completed prior to scheduling training (except FIT one point toolbox), JPIA pays 100 percent.

☒ **FIT One Point Toolbox** talk each quarter for a minimum of two consecutive quarters.

☒ **Conduct Job hazard Analysis (JHA) on** _____

☐ Updated/created ergonomic policy, procedure, return to work and job descriptions.

• _____

☐ Identify work tasks where improved controls such as engineering controls can be used to replace high-risk tasks (manual material handling, manual valve turning, etc.).

• _____

• _____

☐ Identified individual (or Dept.) responsible for conducting or coordinating workplace ergonomic evaluations. Consider additional training for responsible persons such as CEAS I and II, OSHA Institute: OSHA 2255 – Principles of Ergonomics.

JPIA Strain Reduction Program for Field Employees
Service Plan Agreement
DISTRICT NAME

☐ Prepare Risk Control Grant application for ergonomic improvements on _____

☐ Apply for H.R. LaBounty Safety Award for _____

☐ _____

- **Costs Method Selected:** ☐ Option A ☐ Option B
 - If option A is selected, upon completion of controls within six months of the signature date of GM/ADM, the member can apply for full reimbursement.
 - If option B is selected, all controls must be significantly completed before scheduling FIT training.
 - All FIT Training must be completed by December 31, 2022. Failure to complete training by the end of the year for any reason, not following FIT Training contract requirements, or not filling all training seats requested, may result in additional costs that will be the responsibility of the district.

District Senior Management Signature Date

District Program Administrator Date

JPIA Risk Advisor Date

ACWA JPIA
Member Loss Review
January 30, 2023

BACKGROUND

Risk Control Advisors review monthly loss reports and conduct loss reviews on individual members' claims that appear to be unusual losses. 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 JPIA's core values of how 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. Jesse Cota, Senior Risk Control Advisor, will provide a loss review to the Committee. The information provided is an overview of the collaborative and supportive partnership the Risk Control staff have with our members throughout the year.

RECOMMENDATION

None, informational only.

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
Santa Ana Region
2 MacArthur Place, Suite 710
Santa Ana, CA 92707
Phone (714) 558-4600 Fax (714) 558-4614



DATE: April 4, 2021

www.dir.ca.gov/DOSH

Orange County Water District
Orange County Groundwater Authority
Ms. Paula Bouyounes
18700 Ward Street
Fountain Valley, California 92728

RE: November 9, 2020 accident involved [REDACTED]
Site: 18700 Ward Street, Fountain Valley, California 92728

Postmark by: April 9, 2021

Dear Ms. Bouyounes;

As discussed during the inspection on April 1, 2021, it has been determined that copies of the following documents are required for review. Please provide the Cal/OSHA inspector with the required copies by the "postmark" date noted above. If the copies are not provided by that date, it will be interpreted as an admission that the documents do not exist, and possible citations and monetary penalties could result.

1. Business Licenses & Permits, Federal/State ER Tax ID No.
2. OSHA Logs 300 from January 1, 2019 to current.
3. Worker's compensation insurance carrier (just name).
4. OSHA 5020 (Employer's first report of injury) for [REDACTED]
5. Cal/OSHA 5021 (Doctor's first report of injury/ illness) for [REDACTED]
6. Injury and Illness Prevention Program.
7. Heat Illness Prevention Program.
8. Accident investigation report including pictures, finding and conclusion for [REDACTED] accident of November 9, 2020.
9. [REDACTED] job title and brief job description.
10. Written Respiratory protection program. Please include copies of fit testing and medical evaluation for [REDACTED] and [REDACTED] for 2018, 2019, 2020 and 2021.
11. Hazard communication Program.
12. The District's accident release prevention program/ emergency response.
13. The District's Sulfuric acid handling and storage written procedure including connection, disconnection, loading and unloading written procedures.
14. Sulfuric acid facility evaluation checklist for loading, unloading, connection and disconnection.
15. Training records for [REDACTED] and [REDACTED] items 6, 7, 10, 11, 13, 17 and 17. Please include first aid training/ or certificate for [REDACTED] and/or [REDACTED]
16. List of equipment used for loading, unloading, and connection for sulfuric acid.
17. Workplace safety and personal protective equipment (PPE). Please include hazard assessment and equipment selection.
18. Safety inspection records for loading, unloading, connection and disconnection of sulfuric acid including transfer hose prior to the accident day.

If you require an extension of time in order to satisfy this request, please contact the Cal/OSHA inspector identified with your inspection at the phone numbers above **before** the deadline.

ACWA JPIA
Recreation and Special Events Policy
January 30, 2023

BACKGROUND

The Recreation and Special Events Policy was originally adopted by the JPIA's Executive Committee on May 4, 1998 and revised on October 9, 2008. The Policy needs updates. Any changes in the Policy or events classification should be presented and reviewed by the Risk Management Committee.

CURRENT SITUATION

Recreational activities and special events are desirable in nearly all communities served by JPIA members. Special events include member-hosted holiday parties, annual employee health fairs, recognition celebrations, and facility rentals by the public.

The Recreation and Special Events Policy addresses the appropriate risk management practices and depending on the risk level presented, the Policy guides members on when to report the activities/events to the JPIA.

Following is the add/delete version of the Policy and the final version for your review.

RECOMMENDATION

That the Risk Management Committee recommends that the Executive Committee approve the revised Recreation and Special Events Policy dated January 2023.

JPIA RECREATION/ ~~AND~~ SPECIAL EVENT POLICY

Introduction

This policy was adopted by the JPIA's Executive Committee on May 4, 1998, and applies when others use a ~~member's~~[member's](#) facilities or when the member itself is engaging in recreational activities or special events. - The policy is based on the premise that the public use of a member's facilities for recreation and special events may be an integral part of a member's operations. - Furthermore, such use of a member's facilities is ~~necessitated~~[needed](#) by public policy considerations. - The goal of this policy is to give JPIA ~~member~~ members flexibility in managing and facilitating recreation and special events while keeping losses from these activities to a minimum. - This can be accomplished through effective risk management. -

The JPIA ~~does not consider~~[considers that](#) recreational activities and special events ~~to be significantly different~~[add more risks](#) than other exposures presented by a member's operations or activities. - As such, the individual members are given considerable discretion on what type of activities/events to allow and on the level of risk management needed [for low-risk events/activities, but concurrence by JPIA staff and/or Executive Committee approval may be required for higher risk events/activities as detailed in these guidelines.](#)

The JPIA is available as a resource to help educate members on effective risk management of recreational activities/special events.

Policy

The extent of appropriate risk management and the reporting of recreational activities/events to the JPIA will depend on the risk level presented. - The Recreational Activity/Special Events Hazard Classification System and Risk Matrix ~~is~~[are](#) provided as a guideline to make these determinations. - Any changes in the classes will be reviewed by the Risk Management ~~Subcommittee~~[Committee](#).

Members can engage in Class I & II activities/events without prior approval of the JPIA. - The members undertaking these activities are expected to implement good risk management practices. - This includes effective contractual risk transfer when ~~the~~ recreational activities or special events are held by outsiders. - The Recreation/Special Event Matrix should be used as a guide to determine the level of risk management needed.

Class III activities/events are to be reviewed with JPIA staff (and possibly the JPIA's excess liability carrier) in advance. - These may require special risk management efforts; for activities/events being held by an outside entity, ~~special~~ risk transfer provisions may be needed. ~~These~~**Class III activities/events require the concurrence of the JPIA in order for liability coverage to be afforded.** [Without approval from the JPIA, any and all losses stemming from the event will not be covered.](#)

Once concurrence is granted for a specific [activity/event, the member may hold it in the future](#)

~~activity/event, the member may hold it in the future~~ without going through the process again, unless significant changes in activities are anticipated or claims activity suggests a reassessment. JPIA Risk Management staff may assist members staff to practice good safety and to actively seek to reduce risk.

~~The JPIA Member~~ staff will implement best practices and ~~members share the responsibility for effective risk management in this area. The~~ inform JPIA of any activities or concerns that may lead to losses.

~~The~~ Executive Committee has set policy for JPIA staff on approved the following Condition of Coverage for specific Class III activities in the Memorandum of Liability Coverage. The Condition describes the type of Class III activities/events that will not be covered.

Coverage for ~~It has also determined the procedures to be followed when there are disagreements between the JPIA staff and the member concerning whether coverage will~~ following types of events/activities will not be granted and only the JPIA unless approved by the level of risk management needed.

Executive Committee:

Swimming Pools

Water Parks

Water Playgrounds – not including splash pads

Water Slides

Agreements reached between the member and the JPIA staff for coverage ~~for of~~ activities/events will be reported to the Executive Committee as a matter of information and documented for future reference.

This policy applies to all new and existing activities, i.e., those in place prior to the policy's adoption. ~~All existing member recreation and special event activities should be evaluated by the member members following the policy. Staff will review existing Class III activities, including those already authorized by the JPIA when the policy is adopted.~~ Any changes recommended by the JPIA will ~~take into account~~ apply to existing agreements, including insurance requirements.

TULIP Program

~~If a special event holder cannot meet the JPIA insurance requirement, the JPIA TULIP (Tenant's, User's Liability Insurance Program) Program is available. This program provides insurance coverage for one-time special events. For more information regarding this coverage, contact JPIA Member Services.~~

Facility Rental

Members who offer facilities to rent should establish guidelines to manage the safe use of a water agency's facilities while maintaining minimal liability impact on the Agency.

Members should make sure that their liability concerns are addressed by requiring safety inspections of facilities, by requiring good housekeeping and maintenance of facilities, and by requiring appropriate insurance requirements as recommended in the JPIA Model Facilities Use Agreement.

Development of a Facility Use Approval and Authorization Process

Members should develop an approval and use process that includes:

1. The acceptability and availability of the facility for the proposed use.
2. Considerations associated with the type of user (i.e., commercial, community group, or public entity, etc.).
3. The acceptability of the proposed use.
4. The costs and cost allocations (i.e., who pays for each itemized cost - the user or the Agency's) associated with the proposed use.

Use of a Standard Facility Use Agreement

Members should develop and utilize standard facility use agreements.

- Application for agreement for the use of facilities.
- Rental authorization process.

Recreation/Special Event Classification System

Class I - These represent low-severity liability exposures and/or activities normal to a water member's operation; these represent low-risk activities or are activities inherent to water members. There is no or little participant physical activity with no anticipated exposure to spectators, and no alcohol use is anticipated. ~~Crowds are~~ Attendance is in the 0-~~500~~250 range. Based on the type of event, an Agency needs to ensure one or more of the following: facility rental process, participant waiver form, or assumption of risk public posting.

Art Festivals/Shows

_Auctions

Ballets

Banquets

_Bazaars

Beauty Pageant

_Bingo Games

Body Building Contests

Charity Benefits, Auctions & Sales

_Cinemas

~~Circus (0-500 people)~~

Community Health Fairs

_Community Recycling Days

_Conventions in Buildings

_Craft Shows

Dog Parks

Drill Team Exhibitions

_Easter Egg Hunts

_Educational Exhibitions

_Election Polling Place

_Exhibitions (In & Out)

_Expositions

Fund Raisers run by Member:

– (Bake Sales, Car Washes)

Graduation/Promotion Ceremonies

Harvest Festivals

Job Fairs

Lectures & Seminars

_Luncheons

Meetings (Small Groups Indoors)

~~Meetings (Small Groups~~

~~/Outdoors)~~

Nature Study Hikes-

—(Bird Watching, Plant Studies)

~~Outings~~

~~Overnight Camping~~

~~Parades (0—500 people)~~

Parks

(including athletic fields/court; not

including water parks, nor skate parks.)

Picnics

Plays-

~~Proms~~

Religious Assemblies

_Rummage Sales

_School Bands

~~Scouting Jamborees~~

_Seminars

Social Gatherings

Teleconferences

Tours

~~Theatrical Stage Performances~~

Trade Shows in Buildings

_Water Awareness Carnivals

Class II - These represent medium-severity liability exposures; these are considered to be moderate hazards. - There may be physical activity by participants; there is minimal to moderate spectator exposure; no alcohol use is anticipated. ~~Crowds are in the 500-5,000 range~~ Attendance is in the 251-1,500 range. Based on the type of event, an Agency needs to ensure one or more of the following: facility rental process, participant waiver form, or assumption of risk public posting.

Aerobics & Jazzercise Classes

~~Animal Acts or Exhibits~~

~~Animal Training~~

~~Arcades~~

~~Block Parties/Street Closures~~

Circus (~~0-1,500-5,000~~ people)

Concerts (other than rock, rap, heavy metal)

Dances & Parties

Disc Golf

~~Dog Parks~~

~~Dog Trials & Retrieval (Retrieving Birds)~~

Field Sports—In & Out (e.g., baseball, softball, soccer, football, lacrosse, rugby, track & field)

Film Production

Fishing Events (~~on shore~~ onshore)

Food and Beverage Concessions

~~Graduations~~

~~Gymnastics Competitions~~

~~Hawking (Birds of Prey on Smaller Birds)~~

Kite Flying

Musical Performance

Organized Sporting Events NOC* (In or Out)

~~Livestock Shows~~

Overnight Camping

Pageants

Parades (0 – 1,500 people)

Parking of Vehicles

~~Organized Sporting Events NOC* (In or Out)~~

~~Pageants~~

~~Parades (500 – 5,000 people)~~

~~Parking of Vehicles~~

Political Rallies (~~0-1,500-5,000~~ people) Proms

Recreational Events NOC*

~~Reunions~~

Runs/Walks (5K, 10K, Marathons).

Scouting Jamboree

Shows (e.g., antique, auto, boat, consumer, craft, dance, fashion, flower, garden, gun & knife, home/housing, ice skating, livestock, night clubs, RV, vacation)

Soap Box Derbies.

Street Fairs

~~Ski Events (Nordic)~~

~~Street Fairs~~

Swap Meets

Tennis, Handball & Racquetball Courts

Theatrical Stage Performance Watercraft (non-motorized), no rentals

~~Weddings & Receptions~~

*NOC - Not otherwise classified.

Class III - These represent high-severity liability exposures and are considered to be the highest risk. -There are potentially significant spectator exposures, ~~large~~ crowds greater than 1,500 in congested areas, and in some cases, the potential for crowds to get out of control. -These are generally activities that are unusual to a water member's operation. Based on the type of event, an Agency needs to ensure one or more of

~~Coverage for~~ the following ~~types of~~: facility rental process, participant waiver form, or assumption of risk public posting.

Some Class III events/activities will be granted~~may require an onsite Risk Assessment and are~~ subject to agreement with JPIA staff on the level of appropriate risk management (including risk control and risk transfer).approval by the JPIA's Chief Executive Officer or the Assistant Executive Officer

Airborne Devices (except Kite Flying)

Aircraft Operations

Airsoft

Amusement Rides/Parks

Animal Riding

/Acts or Exhibits/Training Archery

Backhoe Rodeo

Bicycle/Mountain Races/Jumping (Terrain is moderate, complex, rough, off-road)

Block Parties/Street Closures

Boxing

Bounce Houses

Circus ~~(5,000~~ 1,500 + people)

Civil War Reenactments

Concerts ~~(rock, rap, heavy metal; other 5,000~~

Crowds (1,500+ people)

~~Crowds (5,000+ people)~~

Dog Trials & Retrieval (retrieving birds)

Fireworks Display

Fishing Events ~~(off shore)~~

offshore) Golf Courses

Hang Gliding

Hawking (birds of prey or smaller birds) Horse

Shows (including jumping)

Horseback Riding - Trails

Hot Air Balloon Rides and Shows

Hunting

Inflatable Amusement Devices

Jet Skiing-

Karate Meets

Livestock Shows

Mechanical Bull Riding

Off-Road Vehicles

Obstacle Course/Runs/Races

Paint Ball

Parades (1,500+ people)

Parasailing

Pistol & Rifle Shoots

Playgrounds

Political Rallies ~~(5,000~~ 1,500 + people)

Rentals - Boating, etc.

River Rafting

Rock

Climbing

Rocketry

~~Rocketeering~~

Rodeos

and Roping Events Rollerblading

Skateboarding

~~Ski Events (Alpine)~~

Skateparks

Speed Boat Racing

Spelunking

Surfing

Swimming (other than Swimming Pools,

Water Parks, Water Playgrounds, Water

Slides)

Tractor and Tractor/Truck Pulls

Trails

~~Trails~~

Trampolines

Tree Climbing Contests

Tree Rope Swinging

Water Skiing

Water Sports NOC*

Motorized Sporting Events ~~(Non-Racing)~~
~~Motorized Sports Events (Racing)~~
Mud Races
~~Off-Road Vehicles~~
~~Parades (5,000 + people)~~

~~Watercraft (Motorized)~~
~~Windsurfing~~
Winter Sporting Events
Zip Lines

*NOC - Not otherwise classified.

~~Coverage for the following types of events/activities will not be granted by the JPIA unless approved by the Executive Committee and its excess liability carrier:~~

~~Swimming Pools~~
~~Water Parks~~
~~Water Playgrounds~~
~~Water Slides~~

Recreation/Special Event Matrix

Event Parameter	Class I & II	Class III
No Fee	A	<u>AC</u>
Fee	A, B	<u>BC</u>
Crowds	B	C
Alcohol (use anticipated)	✱ C	✱ C
Firearms	<u>B, CN/A</u>	C
Watercraft	<u>B, C</u>	C
Aircraft	<u>B, CN/A</u>	C
Water Sports	<u>B, C</u>	C

Level of Risk Transfer

NOTE: Refer to the JPIA's Risk Transfer [Manual Tools](#) for the appropriate Model Facilities Use Agreement ~~or Model Clauses~~.

~~A= No risk transfer unless outside group has existing insurance (JPIA Model Facilities Use Agreement – \$1 million liability limit).~~

~~B= Use - Utilize the JPIA Model Facilities Use Agreement – \$1 – minimum of \$2 million liability limit~~ General Liability limits.

~~C= Use B - Utilize the JPIA Model Clauses: Facilities Use – No Liquor – \$1 Agreement – Minimum \$5 million liability~~ General Liability limit.
~~See Section 6 of the JPIA Risk Transfer Manual.~~

C - Consult with JPIA staff. These activities/events may require concurrence with JPIA staff, an onsite risk assessment, and/or approval of the Executive Committee.

This matrix is a guide that agencies can use to decide on the extent to which risk management (including risk transfer) is needed for special events and recreational activities for Class I and Class II categories. Agencies can consult with the JPIA for assistance in determining the level of risk management needed for these categories.

~~If more than one event parameter applies, use the highest class indicated.~~

~~✱ Treat as Class III – consult with JPIA staff.~~

~~E Consult with JPIA staff.~~

~~Note: Where multiple levels of risk transfer are shown, the member should choose the appropriate level based on an exposure evaluation.~~

One Day Special Event Program

If a special event holder cannot meet the JPIA recommended insurance requirements, the JPIA makes available a One-day Special Event Program provided by JPIA Brokers

with an additional premium.

Members should also consider procuring a Special Event Policy for Agency-hosted events/activities both on and offsite (such as annual picnics, retirement celebrations, holiday parties, etc.).

For more information, contact JPIA Member Services.

JPIA RECREATION AND SPECIAL EVENT POLICY

Introduction

This Policy was adopted by the JPIA's Executive Committee on May 4, 1998 and applies when others use a member's facilities or when the member itself is engaging in recreational activities or special events. The Policy is based on the premise that the public use of a member's facilities for recreation and special events may be an integral part of a member's operations. Furthermore, such use of a member's facilities is needed by public policy considerations. The goal of this Policy is to give JPIA members flexibility in managing and facilitating recreation and special events while keeping losses from these activities to a minimum. This can be accomplished through effective risk management.

The JPIA considers that recreational activities and special events add more risks than other exposures presented by a member's operations or activities. As such, the individual members are given considerable discretion on what type of activities/events to allow and on the level of risk management needed for low-risk events/activities, but concurrence by JPIA staff and/or Executive Committee approval may be required for higher risk events/activities as detailed in these guidelines.

The JPIA is available as a resource to help educate members on effective risk management of recreational activities/special events.

Policy

The extent of appropriate risk management and the reporting of recreational activities/events to the JPIA will depend on the risk level presented. The Recreational Activity/Special Events Hazard Classification System and Risk Matrix are provided as a guideline to make these determinations. Any changes in the classes will be reviewed by the Risk Management Committee.

Members can engage in Class I & II activities/events without prior approval of the JPIA. The members undertaking these activities are expected to implement good risk management practices. This includes effective contractual risk transfer when recreational activities or special events are held by outsiders. The Recreation/Special Event Matrix should be used as a guide to determine the level of risk management needed.

Class III activities/events are to be reviewed with JPIA staff (and possibly the JPIA's excess liability carrier) in advance. These may require special risk management efforts; for activities/events being held by an outside entity, risk transfer provisions may be needed. **Class III activities/events require the concurrence of the JPIA for liability coverage to be afforded.** Without approval from the JPIA, any and all losses stemming from the event will not be covered. Once concurrence is granted for a specific activity/event, the member may hold it in the future

without going through the process again, unless significant changes in activities are anticipated or claims activity suggests a reassessment. JPIA Risk Management staff may assist members staff to practice good safety and to actively seek to reduce risk. Member staff will implement best practices and inform JPIA of any activities or concerns that may lead to losses.

The Executive Committee has approved the following Condition of Coverage for specific Class III activities in the Memorandum of Liability Coverage. The Condition describes the type of Class III activities/events that will not be covered.

Coverage for the following types of events/activities will not be granted by the JPIA unless approved by the Executive Committee:

Swimming Pools
Water Parks
Water Playgrounds – not including splash pads
Water Slides

Agreements reached between the member and the JPIA staff for coverage of activities/events will be reported to the Executive Committee as a matter of information and documented for future reference.

This Policy applies to all new and existing activities. All existing member recreation and special event activities should be evaluated by the members following the Policy. Any changes recommended by the JPIA will apply to existing agreements, including insurance requirements.

Facility Rental

Members who offer facilities to rent should establish guidelines to manage the safe use of a water agency's facilities while maintaining minimal liability impact on the Agency.

Members should make sure that their liability concerns are addressed by requiring safety inspections of facilities, by requiring good housekeeping and maintenance of facilities, and by requiring appropriate insurance requirements as recommended in the JPIA Model Facilities Use Agreement.

Development of a Facility Use Approval and Authorization Process

Members should develop an approval and use process that includes:

1. The acceptability and availability of the facility for the proposed use.
2. Considerations associated with the type of user (i.e., commercial, community group, or public entity, etc.).
3. The acceptability of the proposed use.
4. The costs and cost allocations (i.e., who pays for each itemized cost - the user or the Agency's) associated with the proposed use.

Use of a Standard Facility Use Agreement

Members should develop and utilize standard facility use agreements.

- Application for agreement for the use of facilities.
- Rental authorization process.

Recreation/Special Event Classification System

Class I - These represent low-severity liability exposures and/or activities normal to a water member's operation; these represent low-risk activities or are activities inherent to water members. There is no or little participant physical activity with no anticipated exposure to spectators, and no alcohol use is anticipated. Attendance is in the 0-250 range. Based on the type of event, an Agency needs to ensure one or more of the following: facility rental process, participant waiver form, or assumption of risk public posting.

Art Festivals/Shows

Auctions

Ballets

Banquets

Bazaars

Beauty Pageant

Bingo Games

Body Building Contests

Charity Benefits, Auctions & Sales

Cinemas

Community Health Fairs

Community Recycling Days

Conventions in Buildings

Craft Shows

Dog Parks

Drill Team Exhibitions

Easter Egg Hunts

Educational Exhibitions

Election Polling Place

Exhibitions (In & Out)

Expositions

Fund Raisers run by Member:

(Bake Sales, Car Washes)

Graduation/Promotion Ceremonies

Harvest Festivals

Job Fairs

Lectures & Seminars

Luncheons

Meetings (Small Groups

Indoors/Outdoors)

Nature Study Hikes

(Bird Watching, Plant Studies)

Parks (including athletic fields/court; not including water parks, nor skate parks.)

Picnics

Plays

Religious Assemblies

Rummage Sales

School Bands

Seminars

Social Gatherings

Teleconferences

Tours

Trade Shows in Buildings

Water Awareness Carnivals

Class II- These represent medium-severity liability exposures; these are considered to be moderate hazards. There may be physical activity by participants; there is minimal to moderate spectator exposure; no alcohol use is anticipated. Attendance is in the 251-1,500 range. Based on the type of event, an Agency needs to ensure one or more of the following: facility rental process, participant waiver form, or assumption of risk public posting.

Aerobics & Jazzercise Classes
Arcades
Circus (0-1,500 people)
Concerts (other than rock, rap, heavy metal)
Dances & Parties
Disc Golf
Field Sports—In & Out (e.g., baseball, softball, soccer, football, lacrosse, rugby, track & field)
Film Production
Fishing Events (onshore)
Food and Beverage Concessions
Gymnastics Competitions
Kite Flying
Musical Performance
Organized Sporting Events NOC* (In or Out)
Overnight Camping
Pageants
Parades (0 – 1,500 people)
Parking of Vehicles

Political Rallies (0-1,500 people)
Proms
Recreational Events NOC*
Reunions
Runs/Walks (5K, 10K, Marathons)
Scouting Jamboree
Shows (e.g., antique, auto, boat, consumer, craft, dance, fashion, flower, garden, gun & knife, home/housing, ice skating, livestock, night clubs, RV, vacation)
Soap Box Derbies
Street Fairs
Swap Meets
Tennis, Handball & Racquetball Courts
Theatrical Stage Performance
Watercraft (non-motorized), no rentals
Weddings & Receptions

*NOC - Not otherwise classified.

Class III - These represent high-severity liability exposures and are considered to be the highest risk. There are potentially significant spectator exposures, crowds greater than 1,500 in congested areas, and in some cases, the potential for crowds to get out of control. These are generally activities that are unusual to a water member's operation. Based on the type of event, an Agency needs to ensure one or more of the following: facility rental process, participant waiver form, or assumption of risk public posting.

Some Class III events/activities may require an onsite Risk Assessment and are subject to approval by the JPIA's Chief Executive Officer or the Assistant Executive Officer

Airborne Devices (except Kite Flying)	Off-Road Vehicles
Aircraft Operations	Obstacle Course/Runs/Races
Airsoft	Paint Ball
Amusement Rides/Parks	Parades (1,500+ people)
Animal Riding/Acts or Exhibits/Training	Parasailing
Archery	Pistol & Rifle Shoots
Backhoe Rodeo	Playgrounds
Bicycle/Mountain Races/Jumping (<i>Terrain is moderate, complex, rough, off-road</i>)	Political Rallies (1,500+ people)
Block Parties/Street Closures	Rentals - Boating, etc.
Boxing	River Rafting
Bounce Houses	Rock Climbing
Circus (1,500 + people)	Rocketry
Civil War Reenactments	Rodeos and Roping Events
Concerts	Rollerblading
Crowds (1,500+ people)	Skateboarding
Dog Trials & Retrieval (retrieving birds)	Skateparks
Fireworks Display	Speed Boat Racing
Fishing Events (offshore)	Spelunking
Golf Courses	Surfing
Hang Gliding	Swimming (other than Swimming Pools, Water Parks, Water Playgrounds, Water Slides)
Hawking (birds of prey or smaller birds)	Tractor and Tractor/Truck Pulls
Horse Shows (including jumping)	Trails
Horseback Riding - Trails	Trampolines
Hot Air Balloon Rides and Shows	Tree Climbing Contests
Hunting	Tree Rope Swinging
Inflatable Amusement Devices	Water Skiing
Jet Skiing	Water Sports NOC*
Karate Meets	Watercraft (Motorized)
Livestock Shows	Windsurfing
Mechanical Bull Riding	Winter Sporting Events
Motorized Sporting Events	Zip Lines
Mud Races	

*NOC - Not otherwise classified.

Recreation/Special Event Matrix

Event Parameter	Class I & II	Class III
No Fee	A	C
Fee	A, B	C
Crowds	B	C
Alcohol (use anticipated)	C	C
Firearms	N/A	C
Watercraft	B	C
Aircraft	N/A	C
Water Sports	B	C

Level of Risk Transfer

NOTE: Refer to the JPIA's Risk Transfer Tools for the appropriate Model Facilities Use Agreement.

- A - Utilize the JPIA Model Facilities Use Agreement – minimum of \$2 million General Liability limits.
- B - Utilize the JPIA Model Clauses: Facilities Use Agreement – Minimum \$5 million General Liability limit.
- C - Consult with JPIA staff. These activities/events may require concurrence with JPIA staff, an onsite risk assessment, and/or approval of the Executive Committee.

This matrix is a guide that agencies can use to decide on the extent to which risk management (including risk transfer) is needed for special events and recreational activities for Class I and Class II categories. Agencies can consult with the JPIA for assistance in determining the level of risk management needed for these categories.

One Day Special Event Program

If a special event holder cannot meet the JPIA recommended insurance requirements, the JPIA makes available a One-day Special Event Program provided by JPIA Brokers with an additional premium.

Members should also consider procuring a Special Event Policy for Agency-hosted events/activities both on and offsite (such as annual picnics, retirement celebrations, holiday parties, etc.).

For more information, contact JPIA Member Services.

ACWA JPIA
Training Update
January 30, 2023

BACKGROUND

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

CURRENT SITUATION

This fiscal year, JPIA Training was focused on the safe return to delivery of in-person instructor-led training following the COVID-19 pandemic, while also continuing to deliver its robust online training catalog for members. The following graphs show the renewal of in-person training attendance as well as continued higher-than-average online training completions throughout the fiscal year 2021-2022.

In March 2022, members began hosting onsite JPIA training courses again after a two-year hiatus during the pandemic. JPIA instructors delivered an average of 12 classes per month over the seven months remaining in the fiscal year. Over 60 member employees from 31 agencies participated in the much-anticipated return of the JPIA Training Conference in San Diego in October 2022, providing additional networking and learning opportunities.

Online, live virtual training participation continued strong with new courses offered via WebEx webinars. The number of completed online eLearning courses, including those developed or purchased by JPIA (i.e., the VectorSolutions platform or Prosperity), remained higher than pre-pandemic levels.





Participants in the JPIA's Professional Development Program (PDP) persevered in their pursuit of JPIA-related certifications this fiscal year, resulting in 34 specialty program completions by 23 employees, from 12 member agencies in Human Resources, Supervisor Basics, and Operations. Coursework was completed via online and in-person options provided by JPIA Training.

The JPIA is well positioned to meet changing demands in member education, as demonstrated during the pandemic, because of ongoing investments made in varying learning modalities over the years. JPIA plans to continue to offer in-house training and potentially identify additional contract trainers to provide additional in-person training opportunities throughout the state, plus develop training internally and/or partner with vendors as needed to purchase updated online courses and to expand virtual offerings via additional live, instructor-led courses and eLearning into 2023.

RECOMMENDATION

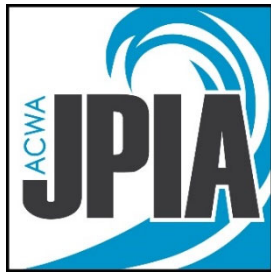
None, informational only.

JPIA Training Attendees and Course Completions FY 2018 to 2022

Mode of Training	In Person (Classroom)	WebEx Training (Webinar/Virtual Instructor-Led)	VectorSolutions (eLearning)	JPIA Prosperity (eLearning)
				
Oct to Sept 2018- 2019	6,523 attendees	935 attendees	20,067 course completions	456 course completions
Oct to Sept 2019-2020	3,956 attendees*	1,872 attendees	33,421 course completions	459 course completions
Oct to Sept 2020 - 2021	0 attendees*	2,410 attendees	33,798 course completions	825 course completions
Oct to Sept 2021 - 2022	1,179 attendees*	1,878 attendees	32,452 course completions	768 course completions

*COVID-19 Pandemic Lockdown impact to in-person instruction

Printed as of November 1, 2022



Congratulations

JPIA Professional Development Program (PDP) 2022 Graduates!

(January - December 2022)

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.

Name	District	Specialties
Chad Wodarczyk	Fallbrook PUD	SB
Mitchell Avalos	Laguna Beach CWD	SB, HR, OP
Melissa Reeves	Mammoth CWD	HR
Kathy Pham	Mesa WD	HR
Andrew Bedford	Moulton Niguel WD	SB, HR, OP
Anna Lam	Moulton Niguel WD	SB
Samantha Bedford	Moulton Niguel WD	HR, SB
Tim Lake	Moulton Niguel WD	SB
Ann Bradford	Sacramento Suburban WD	HR
Cody Scott	Sacramento Suburban WD	SB, OP
Lizbet Heredia	San Luis & Delta Mendota WA	HR
Bonnie Lytle	Santa Clarita Valley WA	HR

Name	District	Specialties
Terri Bell	Santa Clarita Valley WA	HR
Jaime Gomez	South Coast WD	SB
Alex Cabrera	Walnut Valley WD	OP
David Lias	Walnut Valley WD	OP
Debby Chu	Walnut Valley WD	SB, HR
Donna DeLaura	Walnut Valley WD	SB, HR, OP
Jillian Keller	Walnut Valley WD	OP
Ron Woodruff	Walnut Valley WD	SB, HR, OP
Shawna Seals	Walnut Valley WD	OP
Joel Bravo	Western MWD	OP
Jessica Traynor	Zone 7 Water Authority	SB

ACWA JPIA
Claims Analysis for the
Liability, Property, and Workers' Compensation Programs
January 30, 2023

BACKGROUND

The JPIA has incurred a few large losses in recent 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. Exceptions include the 2018/19, 2019/20, and 2021/22 policy years for both the Liability and Property Programs. Each program will be reviewed, and the trends and variances will be discussed.

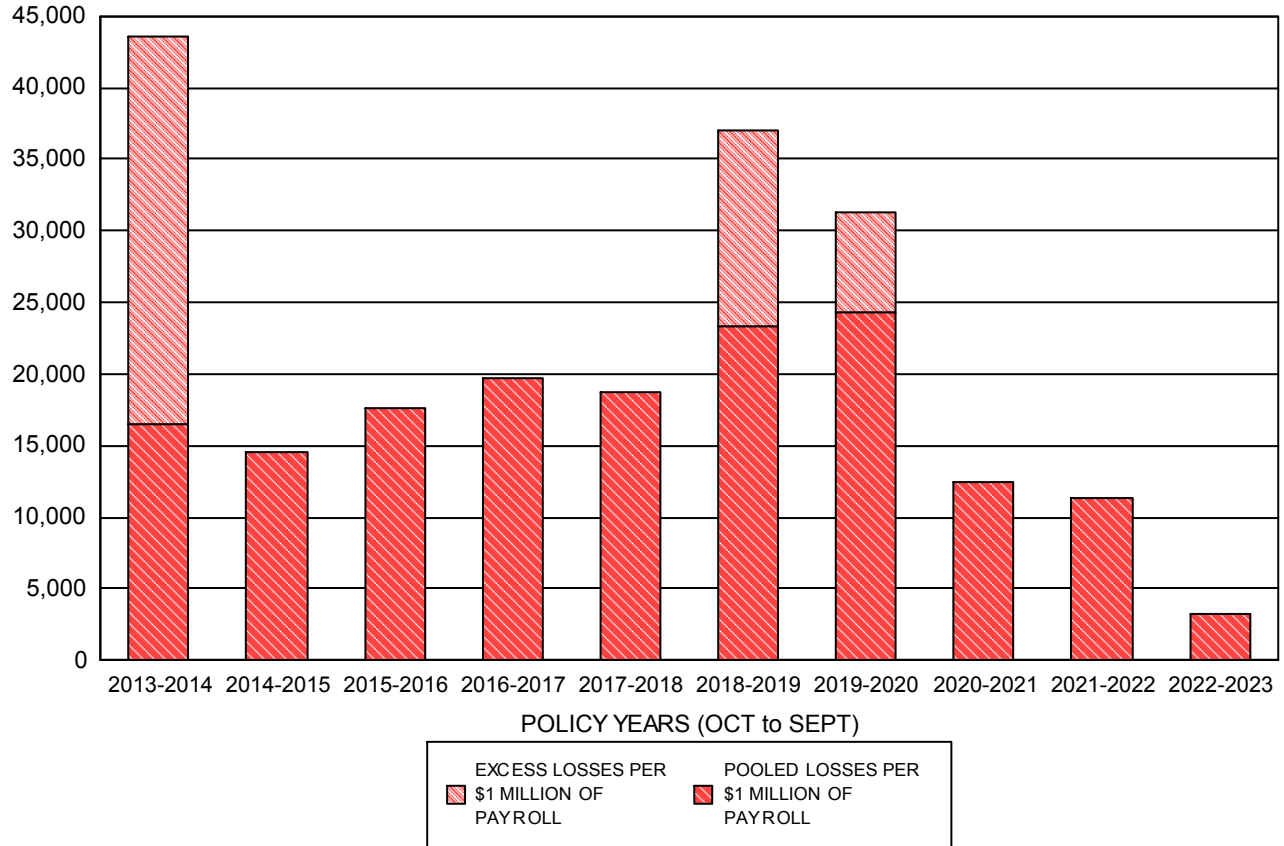
RECOMMENDATION

None, informational only.

ACWA/JPIA - LIABILITY PROGRAM

REPORTED LOSSES PER \$1 MILLION OF PAYROLL

FOR MONTH ENDING 12/31/2022

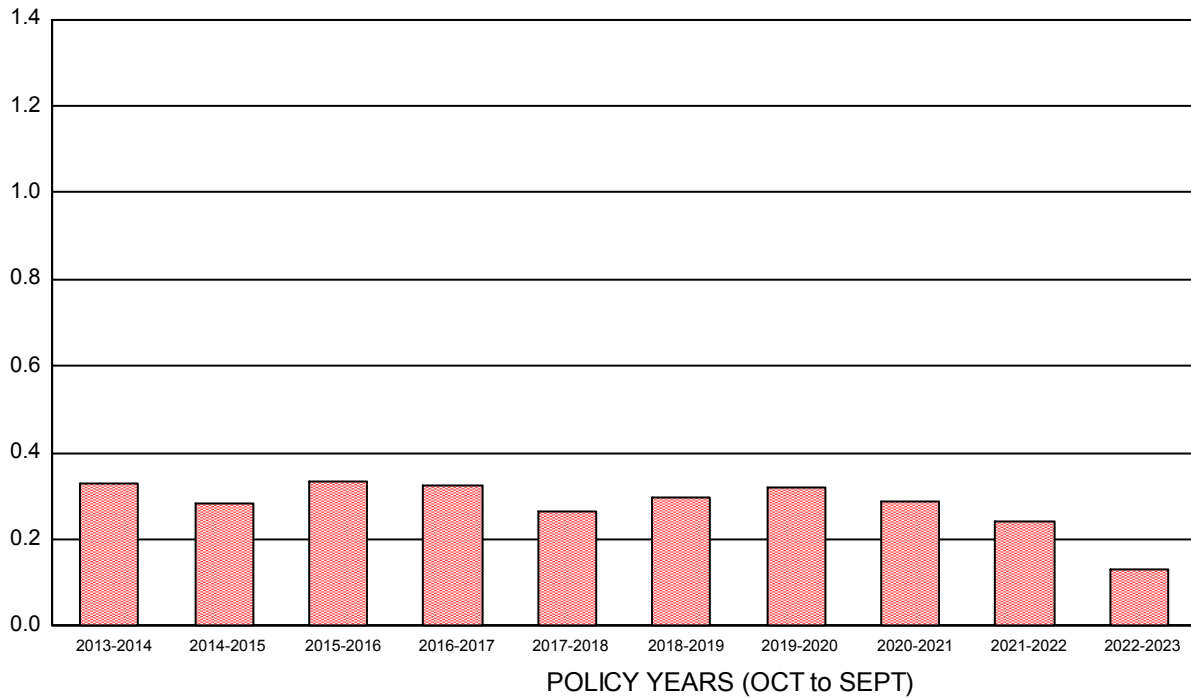


PROGRAM YEAR (10/1)	# OF MEMBERS	SELF INSURED RETENTION	POOLED LOSSES	EXCESS LOSSES	TOTAL LOSSES	ACTUAL PAYROLL	POOLED LOSSES PER \$1 MILLION OF PAYROLL	TOTAL LOSSES PER \$1 MILLION OF PAYROLL
2008-2009	284	1,000,000	6,432,507	7,365,359	13,797,866	435,872,180	14,758	31,656
2009-2010	285	1,000,000	5,122,798	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	10,892,211	0	10,892,211	552,994,889	19,697	19,697
2017-2018	319	5,000,000	10,914,593	0	10,914,593	583,084,351	18,719	18,719
2018-2019	332	5,000,000	16,317,798	9,500,000	25,817,798	698,450,703	23,363	36,964
2019-2020	337	5,000,000	18,110,856	5,150,000	23,260,856	743,120,799	24,371	31,302
2020-2021	339	5,000,000	9,524,756	0	9,524,756	767,831,595	12,405	12,405
2021-2022	344	5,000,000	9,083,323	0	9,083,323	798,165,170	11,380	11,380
2022-2023	344	5,000,000	699,830	0	699,830	857,613,946	3,264	3,264

- 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 12/31/2022



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
2008-2009	189	435,872,180	0.0%	1.322	576,040,440.84	0.33
2009-2010	198	445,710,401	0.0%	1.322	589,042,447.50	0.34
2010-2011	255	451,207,328	0.5%	1.322	596,307,082.18	0.43
2011-2012	181	459,712,593	3.5%	1.315	604,524,855.72	0.30
2012-2013	207	467,699,841	2.2%	1.271	594,230,082.94	0.35
2013-2014	199	484,457,504	1.3%	1.243	602,271,348.37	0.33
2014-2015	174	499,915,511	2.0%	1.227	613,512,877.48	0.28
2015-2016	210	520,745,561	1.0%	1.203	626,545,298.50	0.34
2016-2017	215	552,994,889	2.0%	1.191	658,759,122.71	0.33
2017-2018	180	583,084,351	2.9%	1.168	680,983,734.90	0.26
2018-2019	235	698,450,703	3.4%	1.135	792,730,809.38	0.30
2019-2020	260	743,120,799	2.6%	1.098	815,696,984.61	0.32
2020-2021	237	767,831,595	1.6%	1.070	821,463,096.62	0.29
2021-2022	204	798,165,170	5.3%	1.053	840,467,923.88	0.24
2022-2023	28	857,613,946	8.3%	1.000	857,613,946.11	0.13

- 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 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1982-1983					
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
TOTAL					3,749,366
POLICY YEAR 1984-1985					
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
TOTAL					1,748,281
POLICY YEAR 1985-1986					
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
TOTAL					5,840,816
POLICY YEAR 1986-1987					
063825	08/25/1987	Rancho California Water District	District groundwater pumping operations damaged property	Closed	4,746,888
TOTAL					4,746,888
POLICY YEAR 1987-1988					
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
TOTAL					3,400,303
POLICY YEAR 1988-1989					
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
TOTAL					1,622,286
POLICY YEAR 1989-1990					
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
TOTAL					2,274,439

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1990-1991					
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
TOTAL					1,198,512
POLICY YEAR 1992-1993					
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
TOTAL					1,852,432
POLICY YEAR 1993-1994					
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 age discrimination	Closed	668,412
TOTAL					2,636,335
POLICY YEAR 1994-1995					
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
TOTAL					9,593,749
POLICY YEAR 1995-1996					
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
TOTAL					6,993,560
POLICY YEAR 1996-1997					
103075	01/26/1997	Crestline Village Water District	Flooding as a result of water main line break	Closed	692,482
TOTAL					692,482

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1997-1998					
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
TOTAL					4,770,759
POLICY YEAR 1998-1999					
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
TOTAL					1,575,976
POLICY YEAR 1999-2000					
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
TOTAL					955,627
POLICY YEAR 2001-2002					
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
TOTAL					793,000
POLICY YEAR 2002-2003					
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
TOTAL					1,219,344
POLICY YEAR 2003-2004					
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
TOTAL					3,100,000

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2004-2005					
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
TOTAL					10,770,729
POLICY YEAR 2005-2006					
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	Contents 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
TOTAL					4,979,871
POLICY YEAR 2006-2007					
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
TOTAL					1,455,000
POLICY YEAR 2007-2008					
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
TOTAL					996,826

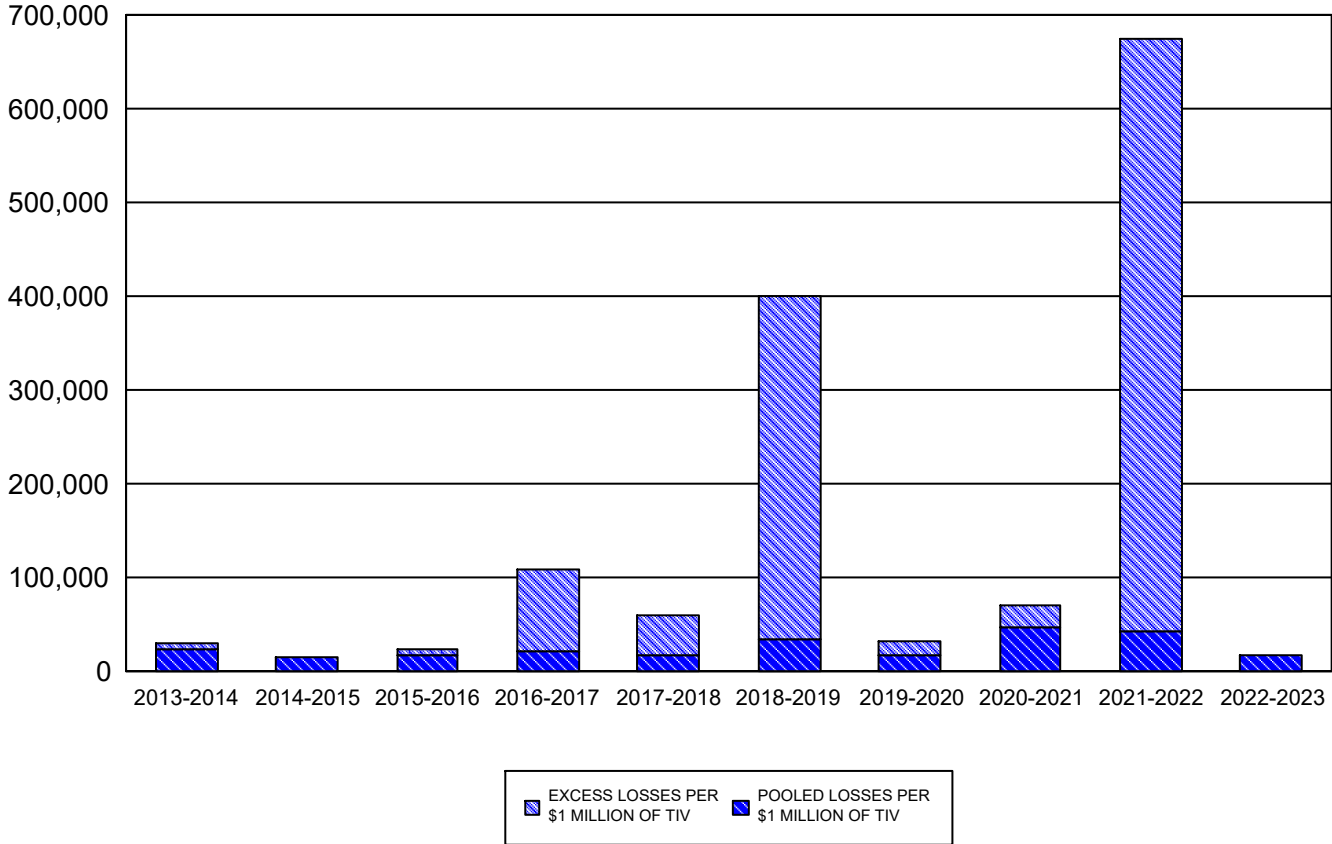
**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2008-2009					
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
TOTAL					9,871,401
POLICY YEAR 2009-2010					
10-1565	02/25/2010	Merced Irrigation District	EPL claim	Closed	1,049,508
TOTAL					1,049,508
POLICY YEAR 2010-2011					
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
TOTAL					937,970
POLICY YEAR 2011-2012					
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
TOTAL					2,611,304
POLICY YEAR 2012-2013					
13-0376	12/19/2012	Friant Water Authority	Claimant's husband stepped in front of oncoming District truck	Closed	802,538
TOTAL					802,538
POLICY YEAR 2013-2014					
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
TOTAL					16,771,297
POLICY YEAR 2014-2015					
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
TOTAL					2,612,140

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$500,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2015-2016					
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
TOTAL					4,029,546
POLICY YEAR 2016-2017					
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
18-0368	09/15/2017	Merced Irrigation District	Ten homeowners allege their new homes have been damaged by water intrusion from District's canal.	Closed	3,904,575
17-0667	05/04/2017	Santa Clarita Valley Water Agency	District vehicle turned in front of claimant's oncoming vehicle	Closed	1,425,986
TOTAL					7,050,047
POLICY YEAR 2019-2020					
21-0077	08/03/2020	Montecito Water District	District line break spilled water into sanitary sewer which then backed up into homes	Closed	1,769,466
TOTAL					1,769,466
POLICY YEAR 2020-2021					
21-0717	05/07/2021	Otay Water District	Reservoir tank 850-3 overflowed causing water to run down hill into condos located at bottom	Closed	539,229
TOTAL					539,229
POLICY YEAR 2021-2022					
22-0482	01/12/2022	Tuolumne Utilities District	Zone 3 tank had catastrophic failure and damaged several properties	Closed	590,067
TOTAL					590,067
GRAND TOTAL					125,601,095

ACWA/JPIA - PROPERTY PROGRAM
REPORTED LOSSES PER \$100 MILLION OF INSURED VALUES
FOR MONTH ENDING 12/31/2022

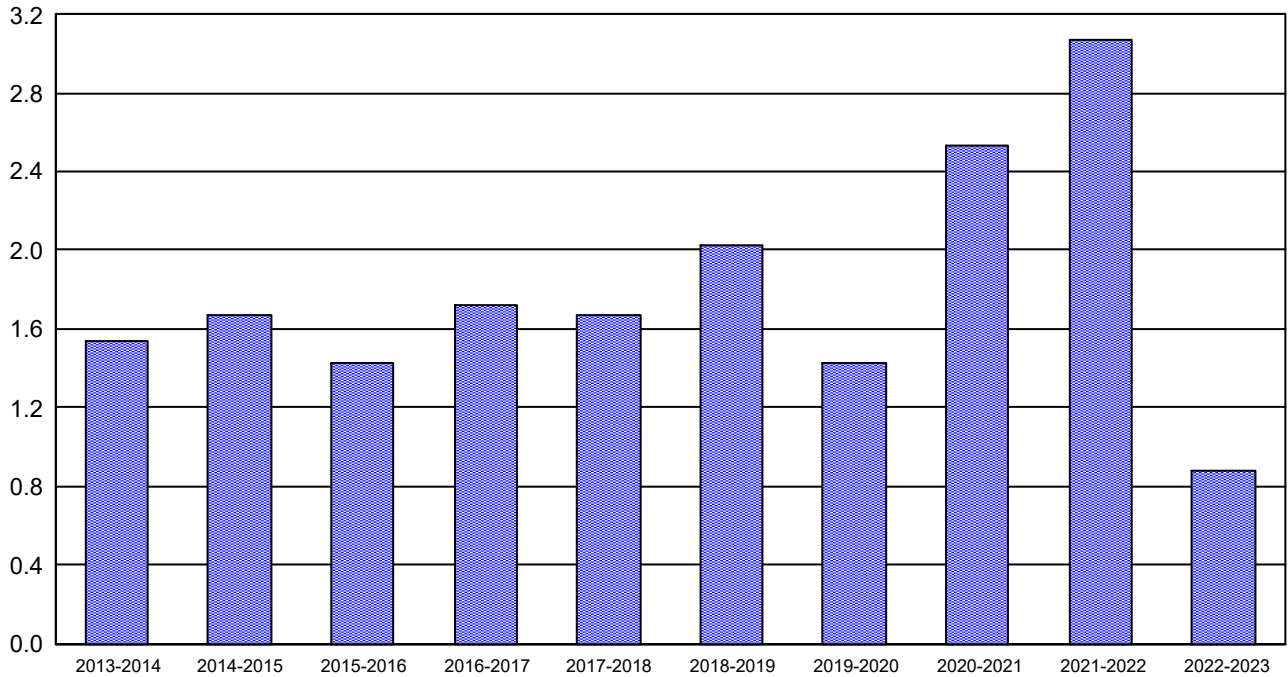


<u>POLICY YEAR (4/1)</u>	<u>TOTAL INSURED VALUES</u>	<u>SELF INSURED RETENTION</u>	<u>POOLED LOSSES</u>	<u>EXCESS LOSSES</u>	<u>INCURRED LOSSES</u>	<u>POOLED LOSSES PER \$100 MILLION OF VALUES</u>	<u>TOTAL LOSSES PER \$100 MILLION OF VALUES</u>
2008-2009	3,463,027,227	50,000	512,340	189,526	701,866	14,795	20,267
2009-2010	3,717,578,379	50,000	666,481	2,355,173	3,021,654	17,928	81,280
2010-2011	4,011,604,591	50,000	801,074	1,693,574	2,494,649	19,969	62,186
2011-2012	4,231,903,723	50,000	922,930	1,585,784	2,508,715	21,809	59,281
2012-2013	4,485,928,834	50,000	615,618	657,678	1,273,296	13,723	28,384
2013-2014	4,737,610,119	100,000	1,105,398	342,512	1,447,910	23,332	30,562
2014-2015	4,992,740,567	100,000	759,655	0	759,655	15,215	15,215
2015-2016	5,245,004,171	100,000	871,182	398,104	1,269,286	16,610	24,200
2016-2017	5,473,946,519	100,000	1,141,746	4,770,189	5,911,936	20,858	108,001
2017-2018	6,129,714,513	100,000	1,078,912	2,529,516	3,608,427	17,601	58,868
2018-2019	7,097,455,423	100,000	2,395,599	25,935,059	28,330,658	33,753	399,166
2019-2020	7,825,713,447	100,000	1,359,774	1,080,000	2,439,774	17,376	31,176
2020-2021	9,560,434,709	100,000	2,254,935	1,089,500	3,344,435	47,172	69,964
2021-2022	10,570,123,529	100,000	2,273,169	33,348,138	35,621,306	43,011	674,000
2022-2023	10,722,628,021	10,000,000	927,072	0	927,072	17,292	17,292

- 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 12/31/2022**



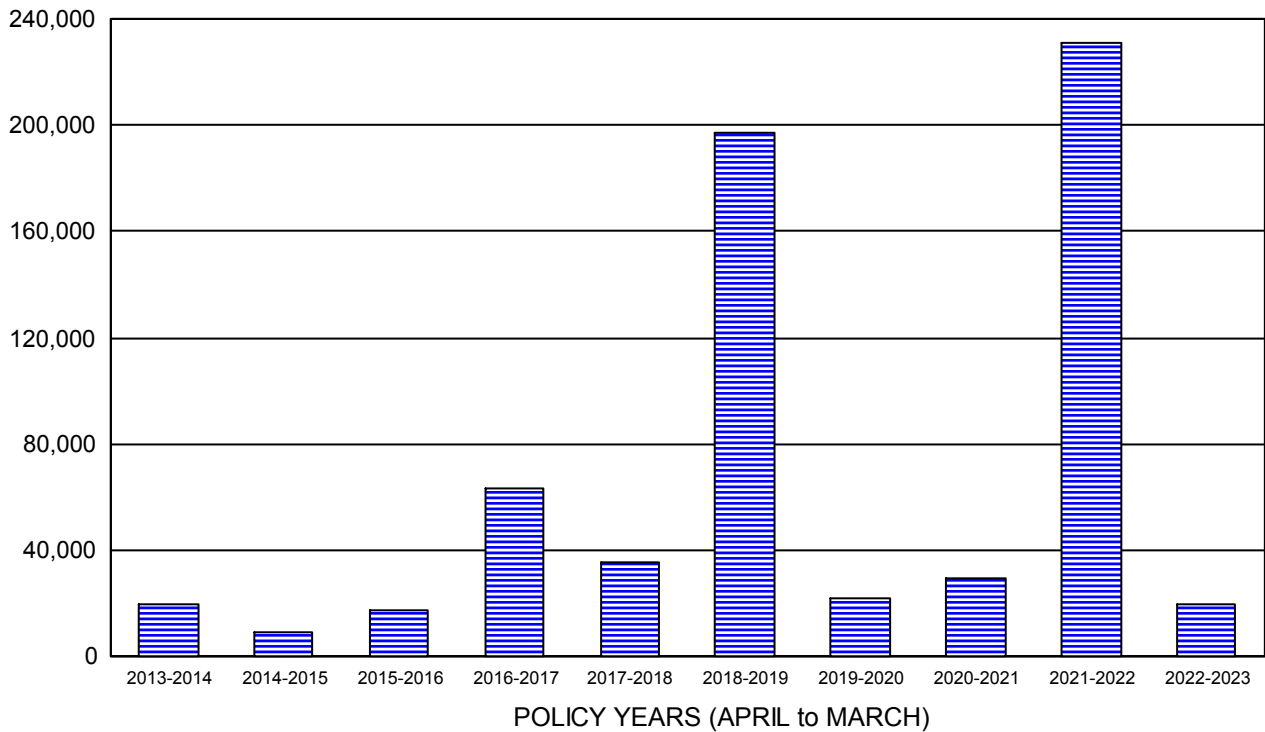
PROGRAM YEAR (4/1)	NUMBER OF OCCUR	TOTAL INSURED VALUES (TIV)	INFLATION ADJUSTMENT ANNUAL %	INFLATION ADJUSTMENT FACTOR	INFLATION ADJUSTED TIV	# OF OCCURRENCES PER \$100 MILLION OF INFLATION ADJUSTED TOTAL INSURED VALUES
2008-2009	79	3,463,027,227	0.00	1.323	4,582,035,291	1.7241
2009-2010	100	3,717,578,379	1.50	1.323	4,918,839,562	2.0330
2010-2011	86	4,011,604,591	3.00	1.304	5,229,432,976	1.6445
2011-2012	102	4,231,903,723	2.10	1.266	5,355,931,767	1.9044
2012-2013	95	4,485,928,834	1.30	1.240	5,560,654,274	1.7084
2013-2014	89	4,737,610,119	1.80	1.224	5,797,268,124	1.5352
2014-2015	100	4,992,740,567	1.00	1.202	6,001,437,549	1.6663
2015-2016	89	5,245,004,171	1.80	1.190	6,242,244,214	1.4258
2016-2017	110	5,473,946,519	2.90	1.169	6,399,524,257	1.7189
2017-2018	116	6,129,714,513	3.20	1.136	6,964,212,476	1.6657
2018-2019	158	7,097,455,423	0.00	1.101	7,813,664,164	2.0221
2019-2020	123	7,825,713,447	2.90	1.101	8,615,411,168	1.4277
2020-2021	121	9,560,434,709	1.70	1.070	9,560,434,709	2.5313
2021-2022	162	10,570,123,529	5.20	1.052	10,570,123,529	3.0652
2022-2023	47	10,722,628,021	8.30	1.000	10,722,628,021	0.8767

- 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

AVERAGE CLAIM SIZE REPORT

FOR MONTH ENDING 12/31/2022



PROGRAM YEAR (4/1)	MONTHS AFTER INCEPTION	AVERAGE LOSS	INFLATION ADJUSTMENT FACTOR	INFLATION ADJUSTED AVERAGE LOSS
2008-2009	174	12,158	1.32	\$16,086.43
2009-2010	162	30,217	1.32	\$39,980.41
2010-2011	150	29,103	1.30	\$37,938.59
2011-2012	138	24,595	1.27	\$31,127.94
2012-2013	126	13,697	1.24	\$16,979.05
2013-2014	114	16,269	1.22	\$19,907.45
2014-2015	102	7,597	1.20	\$9,131.30
2015-2016	90	14,262	1.19	\$16,973.23
2016-2017	78	53,745	1.17	\$62,832.47
2017-2018	66	31,107	1.14	\$35,342.05
2018-2019	54	179,308	1.10	\$197,402.04
2019-2020	42	19,836	1.10	\$21,837.18
2020-2021	30	27,640	1.07	\$29,571.55
2021-2022	18	219,885	1.05	\$231,318.61
2022-2023	6	19,725	1.00	\$19,724.94

- Latest Policy Year's 'Inflation Adjusted Average Loss' have been annualized using 6 months data.
 - Factor based on CPI for West Coast from US Dept of Labor

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1987-1988					
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
TOTAL					245,914
POLICY YEAR 1989-1990					
89011	07/14/1989	Central California Irrigation District	Fire destroyed building	Closed	100,259
TOTAL					100,259
POLICY YEAR 1991-1992					
91035	06/10/1991	Oakdale Irrigation District	Vandals damaged canal	Closed	85,250
TOTAL					85,250
POLICY YEAR 1992-1993					
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
TOTAL					483,833
POLICY YEAR 1995-1996					
95006	05/24/1995	San Diego County Water Authority	Mudslide damaged control room.	Closed	94,729
TOTAL					94,729
POLICY YEAR 1996-1997					
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
TOTAL					392,518
POLICY YEAR 1997-1998					
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
TOTAL					533,798

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1998-1999					
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
TOTAL					507,478
POLICY YEAR 1999-2000					
99-1771	06/13/1999	Madera-Chowchilla Water an	Hydro-electric plant turbine sustained	Closed	155,095
		Power Authority	damage of unknown origin.		
00-2212	12/29/1999	Rancho California Water District	Fire damaged building and contents	Closed	80,822
TOTAL					235,916
POLICY YEAR 2000-2001					
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
TOTAL					623,256
POLICY YEAR 2002-2003					
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			
TOTAL					1,403,190
POLICY YEAR 2003-2004					
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
TOTAL					922,568
POLICY YEAR 2004-2005					
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 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2004-2005					
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
TOTAL					767,198
POLICY YEAR 2005-2006					
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
TOTAL					546,297
POLICY YEAR 2006-2007					
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
TOTAL					1,915,197
POLICY YEAR 2007-2008					
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
TOTAL					1,399,260
POLICY YEAR 2008-2009					
09-0508	10/01/2008	Merced Irrigation District	Rented boomlift rolled	Closed	98,959
TOTAL					98,959
POLICY YEAR 2009-2010					
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 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2009-2010					
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
TOTAL					2,439,699
POLICY YEAR 2010-2011					
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
TOTAL					1,762,294
POLICY YEAR 2011-2012					
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
TOTAL					1,753,186
POLICY YEAR 2012-2013					
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
TOTAL					715,409

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2013-2014					
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
TOTAL					786,808
POLICY YEAR 2014-2015					
15-0454	02/06/2015	Wheeler Crest Community Services District	Wildfire burned District's building & contents @ Rimrock Regulation Station	Closed	80,123
TOTAL					80,123
POLICY YEAR 2015-2016					
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
TOTAL					568,104
POLICY YEAR 2016-2017					
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
17-0474	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
TOTAL					5,115,663
POLICY YEAR 2017-2018					
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
18-0222	10/09/2017	Redwood Valley County Water District	Wildfire damaged District's Tomki Booster Pump Station	Closed	421,571

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
TOTAL					2,701,050
POLICY YEAR 2018-2019					
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
TOTAL					1,706,455
POLICY YEAR 2019-2020					
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
TOTAL					386,443
POLICY YEAR 2020-2021					
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
22-0117	05/14/2021	Placer County Water Agency	District sent EFT payment to non-valid account of vendor	Closed	78,377
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
TOTAL					946,514
POLICY YEAR 2021-2022					
22-0554	01/21/2022	Rosedale-Rio Bravo Water Storage District	High winds in the area caused severe damage to the roof on two buildings at the headquarters.	Closed	80,418
TOTAL					80,418

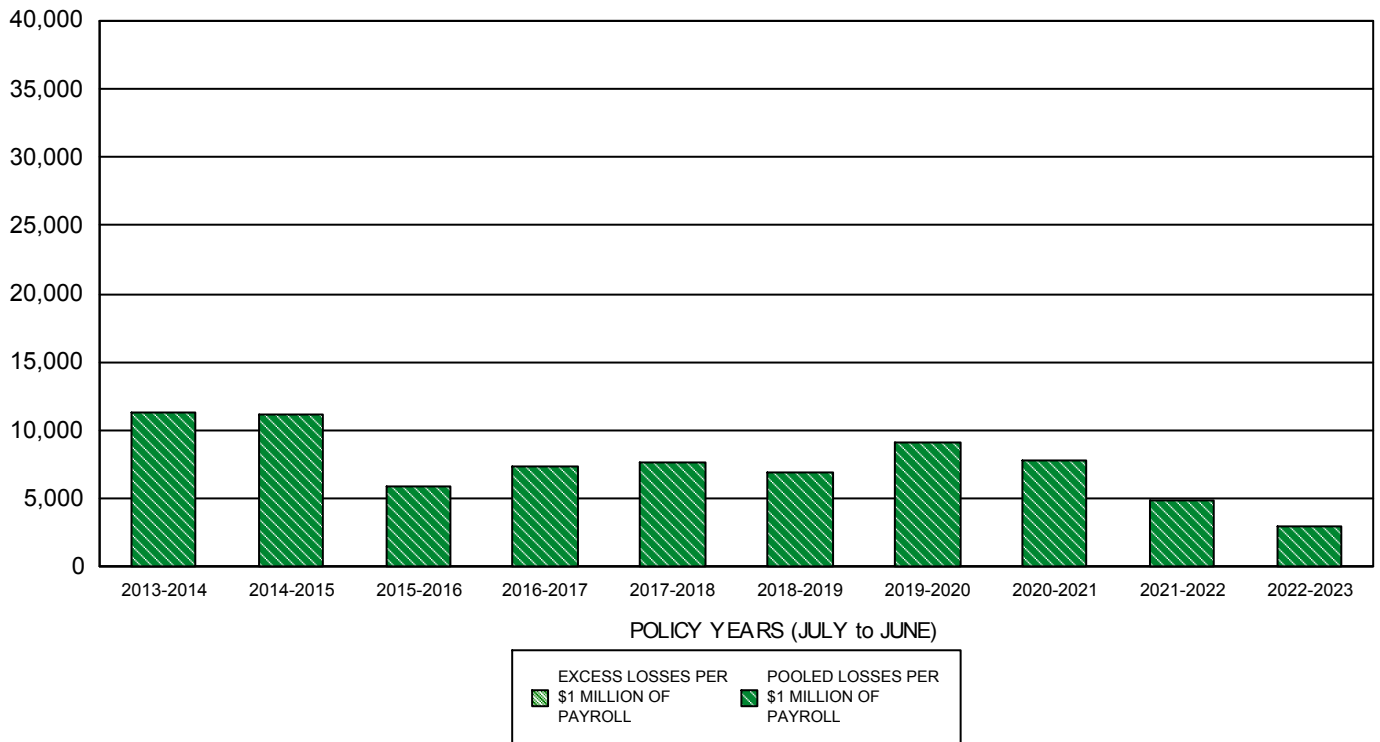
**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$75,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2022-2023					
23-0016	07/06/2022	Moulton Niguel Water District	MNWD received fraudulent email from vendor Pac Hydro with payment instructions and paid fraudulent account twice. Crime policy	Closed	94,669
TOTAL					94,669
GRAND TOTAL					29,492,455

ACWA JPIA - WORKERS' COMPENSATION PROGRAM

REPORTED LOSSES PER \$1 MILLION OF PAYROLL REPORT

FOR MONTH ENDING 12/31/2022



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
2008-2009	151	2,000,000	7,280,534	14,217	7,294,751	378,180,537	38	19,289
2009-2010	154	2,000,000	4,942,610	0	4,942,610	387,355,399	0	12,760
2010-2011	161	2,000,000	4,987,679	0	4,987,679	397,385,704	0	12,551
2011-2012	165	2,000,000	5,980,873	292,073	6,272,946	407,655,190	716	15,388
2012-2013	171	2,000,000	7,601,903	0	7,601,903	428,168,461	0	17,754
2013-2014	177	2,000,000	5,014,046	0	5,014,046	445,374,309	0	11,258
2014-2015	175	2,000,000	5,094,962	0	5,094,962	453,070,613	0	11,245
2015-2016	180	2,000,000	2,795,337	0	2,795,337	471,930,942	0	5,923
2016-2017	186	2,000,000	3,704,083	0	3,704,083	503,252,089	0	7,360
2017-2018	187	2,000,000	3,965,542	0	3,965,542	521,232,750	0	7,608
2018-2019	193	2,000,000	3,929,020	0	3,929,020	565,936,990	0	6,943
2019-2020	197	2,000,000	5,756,736	0	5,756,736	634,017,701	0	9,080
2020-2021	200	2,000,000	5,284,785	0	5,284,785	680,718,724	0	7,764
2021-2022	202	2,000,000	3,501,215	0	3,501,215	710,091,539	0	4,931
2022-2023	204	2,000,000	1,081,248	0	1,081,248	736,108,319	0	2,938

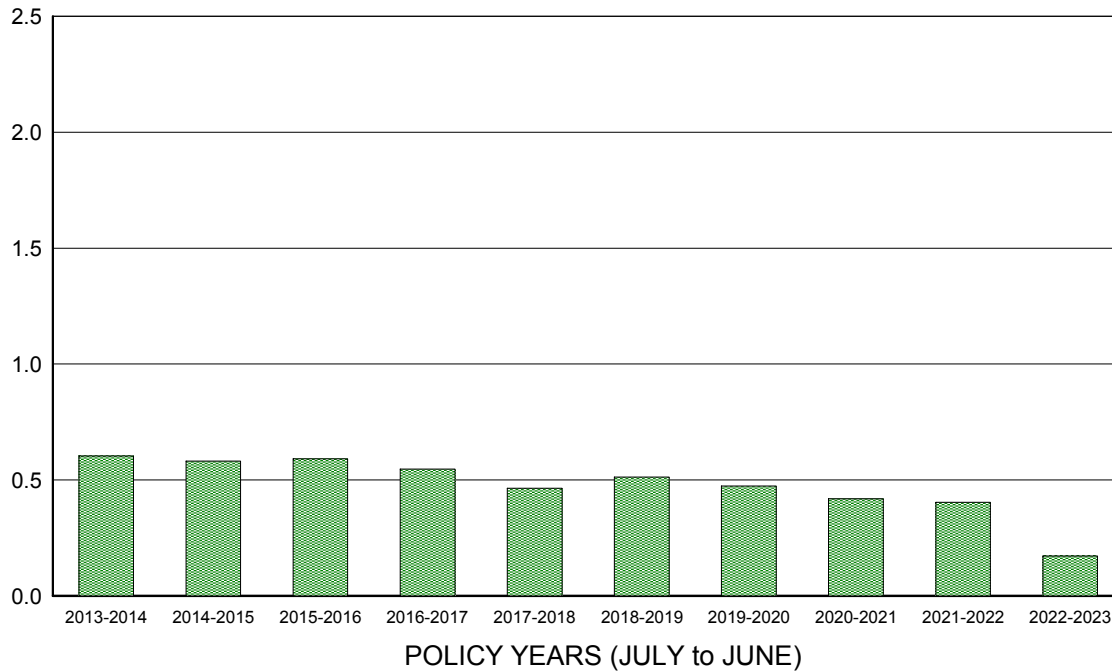
- Latest Policy Year's 'Losses' include partial activity.

- 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 12/31/2022



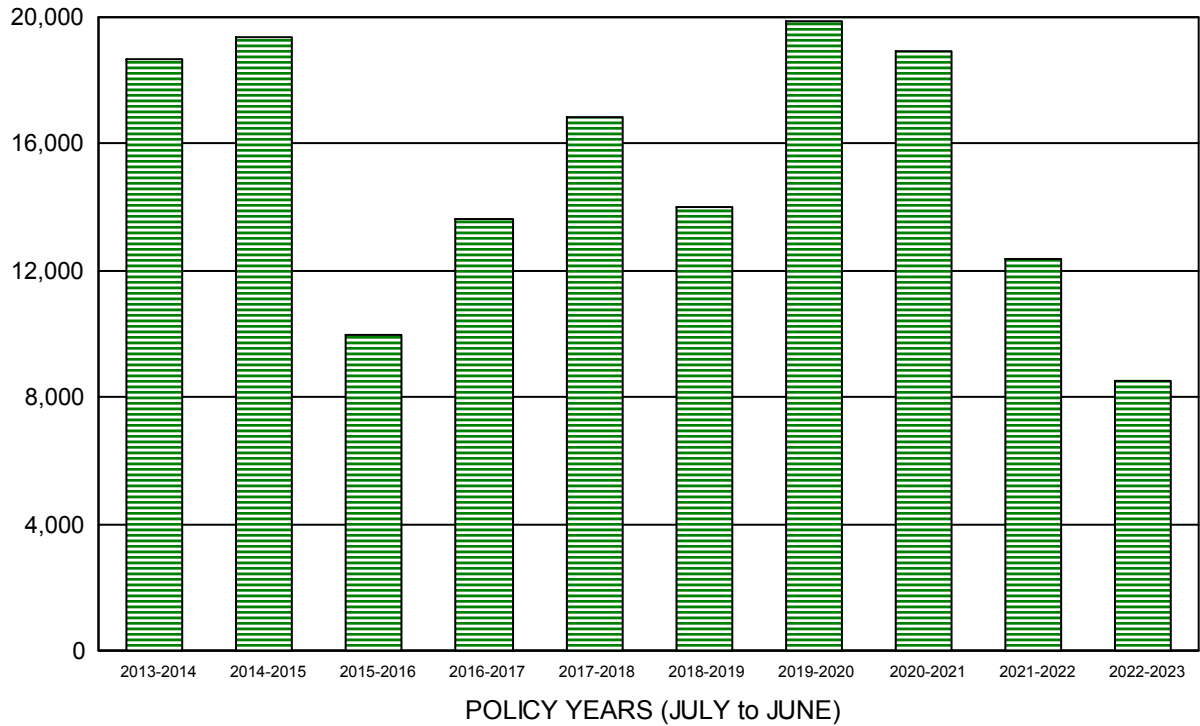
PROGRAM YEAR (7/1)	NUMBER OF CLAIMS	ACTUAL PAYROLLS	INFLATION ADJUSTMENT FACTOR	INFLATION ADJUSTED PAYROLLS	NUMBER OF CLAIMS PER \$1 MILLION OF INFLATION ADJUSTED PAYROLLS
2008-2009	419	362,856,749	1.319	478,681,745	0.875
2009-2010	408	386,915,690	1.319	510,420,374	0.799
2010-2011	414	401,389,999	1.319	529,514,927	0.782
2011-2012	381	415,261,039	1.309	543,465,918	0.701
2012-2013	363	432,481,065	1.272	550,050,864	0.660
2013-2014	335	443,873,464	1.249	554,558,233	0.604
2014-2015	323	452,543,511	1.226	554,848,139	0.582
2015-2016	335	471,783,515	1.199	565,432,697	0.591
2016-2017	321	495,909,611	1.183	586,720,466	0.547
2017-2018	275	508,005,034	1.167	592,732,544	0.464
2018-2019	319	546,031,262	1.138	621,561,920	0.513
2019-2020	318	610,996,915	1.099	671,345,611	0.474
2020-2021	299	667,278,457	1.070	713,910,545	0.419
2021-2022	298	698,470,583	1.052	734,791,054	0.404
2022-2023	127	735,589,603	1.000	735,589,603	0.173

- 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

AVERAGE CLAIM SIZE REPORT

FOR MONTH ENDING 12/31/2022



PROGRAM YEAR (7/1)	MONTHS AFTER INCEPTION	AVERAGE LOSS	INFLATION ADJUSTMENT FACTOR	INFLATION ADJUSTED AVERAGE LOSS
2008-2009	174	17,410	1.32	\$22,967.20
2009-2010	162	12,114	1.32	\$15,981.14
2010-2011	150	12,048	1.32	\$15,893.14
2011-2012	138	16,464	1.31	\$21,547.54
2012-2013	126	20,942	1.27	\$26,634.92
2013-2014	114	14,967	1.25	\$18,699.56
2014-2015	102	15,774	1.23	\$19,339.81
2015-2016	90	8,344	1.20	\$10,000.63
2016-2017	78	11,539	1.18	\$13,652.26
2017-2018	66	14,420	1.17	\$16,825.21
2018-2019	54	12,317	1.14	\$14,020.40
2019-2020	42	18,103	1.10	\$19,890.99
2020-2021	30	17,675	1.07	\$18,910.06
2021-2022	18	11,749	1.05	\$12,359.99
2022-2023	6	8,514	1.00	\$8,513.76

- Latest Policy Year's 'Inflation Adjusted Average Losses' have been annualized using 6 months data.
 - 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 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1984-1985					
96248517	06/17/1985	Valley Center Municipal Water District	slipped hurt both ankles	Closed	220,004
TOTAL					220,004
POLICY YEAR 1985-1986					
96108611	10/21/1985	Helix Water District	valley fever	Closed	260,065
TOTAL					260,065
POLICY YEAR 1988-1989					
96268907	04/18/1989	Western Municipal Water District	hands- applying pressure on ha	Closed	155,552
TOTAL					155,552
POLICY YEAR 1989-1990					
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
TOTAL					366,342
POLICY YEAR 1990-1991					
96349108	06/13/1991	Palo Verde Irrigation District	l. shoulder-muscle pulled	Closed	104,997
TOTAL					104,997
POLICY YEAR 1991-1992					
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
TOTAL					393,774

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1992-1993					
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
TOTAL					362,832
POLICY YEAR 1994-1995					
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
TOTAL					625,560
POLICY YEAR 1995-1996					
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
TOTAL					461,700
POLICY YEAR 1996-1997					
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
TOTAL					238,370
POLICY YEAR 1997-1998					
81104	03/26/1998	Tahoe City Public Utility District	situational stress	Closed	139,098
TOTAL					139,098

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 1998-1999					
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
TOTAL					2,288,231
POLICY YEAR 1999-2000					
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
TOTAL					1,460,649

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2000-2001					
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
01-3443	02/26/2001	Montecito Water District	ct	Closed	126,439
01-3286	04/18/2001	Montecito Water District	lumbar strain caused when moving pipes.	Closed	197,172
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
01-2811	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
TOTAL					4,340,195

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2001-2002					
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
TOTAL					1,646,109

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2002-2003					
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
03-4792	11/19/2002	Rancho California Water District	lower back pain experienced while bending over to read meter	Closed	123,862
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
03-5255	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
TOTAL					1,432,231
POLICY YEAR 2003-2004					
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
TOTAL					934,795

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2004-2005					
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
TOTAL					1,680,773
POLICY YEAR 2005-2006					
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
TOTAL					1,277,719
POLICY YEAR 2006-2007					
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
TOTAL					280,346

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

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POLICY YEAR 2007-2008					
08-9328	08/29/2007	Clear Creek Community Services District	strained right shoulder moving broken concret pieces by hand.	Closed	259,507
08-0028	06/14/2008	El Dorado Irrigation District	strained neck when climbing a ladder to exit vault.	Closed	595,929
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
TOTAL					1,883,653

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2008-2009					
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
09-0674	03/18/2009	Consolidated Irrigation District	strained neck and right shoulder when grader stopped suddenly after running over stump.	Closed	390,133
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 out of the weirs to send water downstream.	Closed	470,213
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
09-0582	02/09/2009	Western Municipal Water District	back and neck injuries when veh hydroplaned, he lost control and struck ov.	Closed	407,640
TOTAL					5,378,828

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2009-2010					
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
10-1647	04/14/2010	South Coast Water District	strained left shoulder from jetting with large heavy storm drain nozzle.	Closed	142,143
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
TOTAL					2,802,104

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2010-2011					
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
11-0104	07/13/2010	Merced Irrigation District	left wrist and hand while spraying weeks when tripped and fell on driveway.	Closed	170,587
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
TOTAL					2,755,720

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2011-2012					
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
12-0232	10/03/2011	Georgetown Divide Public Utility District	injured right side and back when he stepped o roof and fell 8-10 feet to ground.	Closed	139,252
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
12-0506	02/03/2012	Tulare Irrigation District	strained neck while contantly moving head to see behind equipment.	Closed	106,643
12-0295	10/19/2011	Tulare Irrigation District	injured bilateral knees and left wrist when fell while stepping off structure while measuring weir.	Closed	612,301
TOTAL					4,025,995

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2012-2013					
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
13-0534	01/30/2013	East Contra Costa Irrigation District	strained right knee when tripped over concrete while installing a new gate.	Closed	212,967
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
TOTAL					3,078,835

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

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POLICY YEAR 2013-2014					
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
14-0537	03/21/2014	Desert Water Agency	injured neck and upper body while passenger in head on mva.	Closed	180,857
14-0692	04/16/2014	El Toro Water District	strained left shoulder when sledge hammer came in contact with manhole cover.	Closed	109,022
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
TOTAL					2,192,498
POLICY YEAR 2014-2015					
15-0310	11/19/2014	Alta Irrigation District	injured back and body when dozer rolled over onto claimant.	Closed	359,636
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
15-0553	03/23/2015	Palmdale Water District	strained right hip while pulling sample station can when twisted to set it down.	Closed	487,871
15-0112	08/06/2014	Sweetwater Authority	alleges numbness in rt finger tips and pain from upper to lower shldr.	Closed	126,432
TOTAL					1,515,948

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
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POLICY YEAR 2015-2016					
16-0196	09/16/2015	Goleta Water District	strained lft shldr pulling tape off box with hands.	Closed	114,004
16-0293	09/30/2015	Helix Water District	strained lower back getting gas can out of truck and fell back onto fin form.	Closed	149,155
16-0207	09/28/2015	Laguna Beach County Water District	sprained ankle and knee stepping in hole/ uneven terrain.	Closed	179,536
16-0447	01/26/2016	San Juan Water District	strained lower back twisting to turn valve key.	Closed	247,128
16-0247	10/13/2015	Santa Clarita Valley Water Agency	fractured lft ankle walking on loose gravel and slipped.	Closed	170,972
16-0263	10/22/2015	Trabuco Canyon Water District	ct cervical radiculopathy and carpal tunnel due to unknown.	Closed	108,454
TOTAL					969,249
POLICY YEAR 2016-2017					
17-0071	07/27/2016	Berrenda Mesa Water District	injured head, chin and shoulder when fell in parking lot.	Closed	184,355
17-0179	09/16/2016	Kern County Water Agency	sprained lumbar and right knee working while working in manlift basket.	Closed	248,670
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
17-0213	10/12/2016	San Juan Water District	working over the years, popping and pain to both knees.	Closed	137,700
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
TOTAL					1,017,202
POLICY YEAR 2017-2018					
18-0063	07/31/2017	Calleguas Municipal Water District	ruptured right bicep while lifting a box of material onto forklift.	Closed	213,384
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
18-0521	03/14/2018	Tulare Irrigation District	contusion to lower back, rear end and left leg when metal deck moved and claimant fell between riser and deck.	Closed	125,699
TOTAL					703,704

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLOSED CLAIMS OVER \$100,000
FOR MONTH ENDING 12/31/2022**

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2018-2019					
19-0636	04/19/2019	Sutter Extension Water District	fractured hands, ribs, ts; abdomen and knees while driving backhoe collided with semi truck.	Closed	150,704
TOTAL					150,704
POLICY YEAR 2019-2020					
20-0250	09/25/2019	Crescenta Valley Water District	strained lower back while replacing battery on electrical generator.	Closed	216,540
20-0204	07/17/2019	Las Virgenes Municipal Water District	stressed due to prolonged and persistent sexual harassment by supervisor.	Closed	134,517
20-0483	12/30/2019	Sweetwater Authority	strained low back while bending over and moving traffic cones.	Closed	133,476
TOTAL					484,533
GRAND TOTAL					45,628,315

ACWA JPIA MEETINGS & CONFERENCE CALENDAR – 2023

MEETING DATES	BOARD OF DIRECTORS	EXECUTIVE	PERSONNEL	FINANCE & AUDIT	P R O G R A M S				RISK MGMT	CWIF
					Emp. Benefits	Liability	Property	Work Comp		
JAN 23			2:00 PM COSTA MESA							
JAN 30									2:00 PM	
JAN 31		8:00 AM								
MAR 22				1:00 PM			3:00 PM			
MAR 23		8:00 AM								
APR 26					8:30 AM					
MAY 8	1:30 PM	10:15 AM						8:30 AM		
MAY 9-11 ACWA SPRING CONFERENCE – MONTEREY										
MAY 25										9:00 AM UTAH
JUNE 8			11:00 AM							
JUNE 14-15 EXECUTIVE COMMITTEE ONBOARDING MEETING										
JUNE 28							3:00 PM	1:00 PM		
JUNE 29		8:00 AM								1:00 PM
JULY 26					2:15 PM	12:30 PM				
JULY 27		8:00 AM								
SEPT 6			11:00 AM							
SEPT 27				3:00 PM		1:00 PM				
SEPT 28		8:00 AM								1:00 PM
OCT 25		8:30 AM								
NOV 27	1:30 PM	10:15 AM								
NOV 28										8:30 AM
ACWA FALL CONFERENCE – NOVEMBER 29 – DECEMBER 1 – INDIAN WELLS										

- CAJPA Conference, Lake Tahoe – September 12-14, 2023
- CICA Conference, Rancho Mirage – March 5-7, 2023
- AGRiP Governance Conference, Orlando, FL – March 5-8, 2023