

Risk Management Committee Meeting



YOUR BEST PROTECTION

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

**Tuesday
February 9, 2021
9:30 A.M.**

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



RISK MANAGEMENT COMMITTEE MEETING

AGENDA

[LINK TO ZOOM MEETING](#)

MEETING NO.: 661 516 2566

PASSCODE: 1234

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

Tuesday, February 9, 2021 9:30 A.M.

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

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.

PLEDGE OF ALLEGIANCE

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 Chairman know.

INTRODUCTIONS

ADDITIONS TO OR DELETIONS FROM THE AGENDA

Presenter

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I. CONSENT AGENDA

- | | | |
|------------|--|---|
| Bockmiller | * A. Approve the minutes of the meeting of March 20, 2019. | 1 |
| Bockmiller | B. Report on meetings attended on behalf of the JPIA. | |

II. RISK CONTROL DEPARTMENT UPDATE

- | | | |
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| Flint | * A. Review the Commitment to Excellence - Wildfire Loss Reduction Focus. | 6 |
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Flint	* B. Review the Risk Control Manual.	27
Flint/Advisors	* C. Update on the 2020/21 Risk Assessment Focus Areas.	30
Flint/Kuchinsky	* D. Overview of the Risk Assessment Process.	41
 III. <u>LOSS REPORTS</u>		
Sells	* A. Review Claims Analysis for Liability, Property, and Workers' Compensation Programs.	42
 IV. <u>ADMINISTRATION/TRAINING</u>		
Slaven	* A. Training Update.	81
 V. <u>UPCOMING MEETING(S)</u>		
Bockmiller	A. There are no additional meetings scheduled for the remainder of the year.	

ADJOURN

*Related items enclosed.

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

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



Unapproved Minutes

Risk Management Committee Meeting

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

March 20, 2019

This meeting consisted of a simultaneous WebEx teleconference call at the ACWA JPIA, 2100 Professional Drive, Roseville, CA 95661 and the following remote sites:

- Kuhn - 337 W. Foothill Blvd., Glendora
- Welch – 12152 Road 28¼, Madera

MEMBERS PRESENT

Chair: Kathy Tiegs, Cucamonga Valley Water District

Vice-chair: David Drake, Rincon del Diablo Municipal Water District (via WebEx, not part of quorum)

Fred Bockmiller, Mesa Water District

Victor Fortenberry, Solano Irrigation District

Ron Kilburg, El Dorado Irrigation District

Bob Kuhn, San Gabriel Basin Water Quality Authority (via WebEx)

Gaby Olson, Valley Center Municipal Water District

Tanesha Welch, Madera Irrigation District (via WebEx)

MEMBERS ABSENT

Dan York, Sacramento Suburban Water District

STAFF PRESENT

Chief Executive Officer/Secretary: Walter “Andy” Sells

Carol Barake, Risk Control Manager

Thor Benzing, Senior Risk Control Advisor

Mathew Bunde, Senior Risk Control Advisor

David deBernardi, Director of Finance

Robert Greenfield, General Counsel

Erik Kowalewski, (WebEx Coordinator)

Terry Lofing, Administrative Assistant II (Recording Secretary)

Patricia Slaven, Director of Human Resources & Administration

Sandra Smith, Employee Benefits Manager

Dianna Sutton, Finance Manager

Karen Thesing, Director of Insurance Services

Melody Tucker, Workers’ Compensation Manager

Chuck Wagenseller, Cost Estimator Risk Control Advisor

Bobbette Wells, Executive Assistant to the CEO

OTHERS IN ATTENDANCE

E.G. “Jerry” Gladbach, Castaic Lake Water Agency (via WebEx)
Melody McDonald, San Bernardino Valley Water Conservation District
Bruce Rupp, Humboldt Bay Municipal Water District

WELCOME

Chair Tiegs welcomed everyone in attendance. The Committee members attending via WebEx introduced themselves. Committee members and staff introduced themselves.

CALL TO ORDER AND ANNOUNCEMENT OF QUORUM

Chair Tiegs called the meeting to order at 10:03 a.m. She announced there was a quorum. Director Drake joined the meeting via WebEx. Due to posting requirements, Director Drake was not counted as part of the quorum.

ANNOUNCEMENT RECORDING OF MINUTES

Chair Tiegs announced that the meeting would be recorded to assist in preparation of minutes. Recordings are only kept 30 days following the meeting, as mandated by the California Brown Act.

EVACUATION PROCEDURES

Mr. Sells announced the evacuation procedure instructions.

PUBLIC COMMENT

Chair Tiegs noted that, as the agenda stated, members of the public would be allowed to address the Risk Management Committee on any agenda item prior to the Committee’s decision on that item. Comments on any issues on the agenda, or not on the agenda, were also welcomed. No comments were brought forward.

ADDITIONS TO OR DELETIONS FROM THE AGENDA

Chair Tiegs asked for any additions to, or deletions from, the agenda. Staff had none.

CONSENT AGENDA

Chair Tiegs called for approval of the minutes of the March 19, 2018 meeting:

M/S/C (Bockmiller/Olson) (Bockmiller-Yes; Fortenberry-Yes; Kilburg-Yes; Kuhn-Yes; Olson-Yes; Tiegs-Yes; Welch-Yes): That the Risk Management Committee approve the minutes of March 19, 2018.

REPORT ON MEETINGS ATTENDED ON BEHALF OF THE JPIA

None reported.

H.R. LABOUNTY SAFETY AWARDS PROGRAM

Ms. Barake stated that the program was strengthened in 2018 and continues to be very successful. The JPIA received better quality nominations as a result.

In fall 2018, 20 members received awards for their nominations. The program is linked to correspond with the following categories in the Commitment to Excellence Program: Office/Field Ergonomics; Vehicle Operations; and Slips, Trips, and Falls. A new category was added to create more participation in program reviews and corrective actions. Selected awards were highlighted during the fall ACWA JPIA Conference.

Risk advisors review the nominations as a group during staff meetings. Scoring criteria are used to determine eligibility. Advisors contact their district for more information if a nomination is incomplete. Ideas are being shared between districts and are available for review on the JPIA's website. The Risk Management Committee indicated that this is a very good program.

PROPOSED RISK CONTROL GRANT PROGRAM

A grant program was proposed to reinforce the focus in the Commitment to Excellence Program. The grant program allows for more strategic risk management program improvements initiated by district management.

To be eligible, members must participate in at least two pooled JPIA Programs (Liability, Property, or Workers' Compensation), they must sign the Commitment to Excellence agreement, and complete an application. Grant funds must apply to the coverage programs in which the member participates. Examples of grant ideas were reviewed with the Risk Management Committee for the Liability, Property, and Workers' Compensation programs.

The program will begin on October 1, 2019 and will end September 30, 2020. Funds of \$50,000 will be available for the program. Five grants will be awarded per program term. Up to \$10,000 would be reimbursed for after-the-fact expenses for eligible projects. The program will be highlighted at the Spring ACWA JPIA Conference.

M/S/C (Fortenberry/Bockmiller) (Bockmiller-Yes; Fortenberry-Yes; Kilburg-Yes; Kuhn-Yes; Olson-Yes; Tiegs-Yes; Welch-Yes): That the Risk Management Committee recommends that the Executive Committee approve the proposed Risk Control Grant Program.

INJURY AND ILLNESS PREVENTION PROGRAM

Risk control advisors review member's Injury and Illness Prevention Programs (IIPP) for members in the Workers' Compensation Program during annual risk assessments. The IIPP reviews assist in implementing and maintaining effective safety and health programs. During the review, six questions are asked to

determine the effectiveness of the member's IIPP. The review is meant to encourage the member to update their programs, and to ascertain where the member may need help. Members are encouraged to update their programs if it has been more than two years since the programs were revised. The review is not focused on regulatory compliance and is voluntary for the member. The review is tailored to the individual member and size of the district.

In the future, the "Effectiveness Questions" will be sent to members in advance of the meeting. In this way all districts will be able to prepare for the meeting. The response to the IIPP reviews has been positive.

LOSS REPORTS

Mr. Sells reviewed the losses in the Liability, Property, and Workers' Compensation Programs. The loss reports are reviewed monthly by Program. The lighter colored bars in the graphs represent reinsurance or excess insurance.

In the Liability Program in the 2013/14 year, there was a large claim for aerial spraying. In the 2015/16 year, there were several large claims in one year. In the 2016/17 year, the JPIA went from a \$2 million to a \$5 million-dollar retention. The Liability Program is very steady.

In the Property Program in the 2016/17 year, there were flooding claims in Northern California. The 2017/18 year had claims from wildfires. In 2018/19 there were more claims for wildfires, especially the Paradise, CA wildfire.

The Workers' Compensation Program is doing well with approximately 180 claims per year. The 2012/13 policy year had one large claim. The Program shows a steady decline in claims per \$1 million in payroll.

RISK CONTROL DEPARTMENT STAFFING

Ms. Thesing reported that three new employees were recently hired. Jesse Cota was introduced as the new Senior Risk Control Advisor in Southern California. This position is new; this is a large territory and the JPIA needed another advisor in Southern California.

Thor Benzing, Senior Risk Control Advisor, was hired in January 2019 to service part of Northern California. His territory runs from Monterey to the Humboldt area and south of Roseville.

Mathew Bunde, Senior Risk Control Advisor, started in February 2019. He will service members in the Central Valley.

Carol Barake, Risk Control Manager, will retire in April. Carol's position will be filled by the next Risk Management Committee meeting. Ms. Thesing will manage the department in the interim with the aid of Peter Kuchinsky, Lead Risk Control Advisor.

Both Thor and Mathew stated that the JPIA has a collaborative attitude where employees are valued and members want to improve their safety environments.

ADMINISTRATION/TRAINING

Ms. Slaven reported on the changes in the Training Department. This year, the JPIA introduced the first e-learning online training program created in-house. Several classes are now available using this interactive format. The JPIA has also purchased e-learning training courses through various vendors. The JPIA will expand its use of this format over the coming year. The JPIA is also looking forward to developing its own videos pertinent to areas in the field.

The Training Conference took place last week. Over 90 district employees attended the first day, and 80 employees the second day. Twenty-five districts were represented.

A number of resources are available to complete the Sexual Harassment Prevention training. The Leadership Training Program has over 100 district employees enrolled in the program. Ms. Slaven reviewed the number of courses and the different types of training that were given over the last year.

UPCOMING MEETING(S)

There are no Risk Management Committee meetings scheduled for the remainder of 2019. The Risk Management Committee meeting adjourned at 11:55 a.m.

ACWA JPIA
Commitment to Excellence Wildfire Loss Reduction Focus
February 9, 2021

BACKGROUND

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

CURRENT SITUATION

California's catastrophic wildfires have led to a statewide mitigation approach of prevention and community resilience. To support mitigation efforts and reduce loss potentials, Wildfire Prevention was added to the ***Commitment to Excellence Loss Reduction Focus*** area. This new loss reduction focus area has "best practices" with wildfire prevention planning and coordination, staff training, facility protection and readiness, and response and recovery. These best practices are available through the JPIA's website, reviewed with members during risk assessments, and highlighted in the ***JPIA Source***. Members are encouraged to adopt as many best practices as practical.

RECOMMENDATION

None, informational only.

JPIA

Commitment to Excellence Program

Best Practices



Loss Reduction Focus Menus

and

Explanations

JPIA COMMITMENT TO EXCELLENCE (C2E) BEST PRACTICES GUIDE

This guide includes the “*loss reduction focus*” areas for each of the C2E loss categories:

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

A “*menu*” indicating the best practices for each focus area is included and an explanation for each best practice. JPIA members are encouraged to select from the menu the best practices they wish to add to or use to enhance their existing loss reduction programs.

JPIA Risk Management visits will concentrate on supporting an organization in its implementation of the C2E best practices. While adopting specific best practices may be recommended during these visits, the JPIA encourages members to review the C2E best practices, reinforce the practices they have already incorporated, and adopt as many of the other practices as practical. The JPIA can provide resources and training to help members in this process.

Questions concerning the C2E Best Practices Guide should be addressed to the organization's JPIA Risk Management Consultant. Additional assistance may be obtained by contacting the Risk Management staff at (800) 231-5742.



JPIA

Commitment to Excellence Program Best Practices



Wildfire Prevention

WILDFIRE PREVENTION BEST PRACTICES

Loss Reduction Focus	Best Practices Menu
Planning and Coordination	<ul style="list-style-type: none"> <input type="checkbox"/> Develop an emergency Wildfire Emergency Response Plan (ERP) <input type="checkbox"/> Per SB 901 definition, establish and maintain current Wildfire Mitigation Plans, if required. <input type="checkbox"/> Join the state's Water/Wastewater Agency Response Network (WARN) or local/regional agency response network. <input type="checkbox"/> Identify major water connections, interties, and priority water customers to minimize loss of water supply, quality, and/or system pressure.
Staff Training	<ul style="list-style-type: none"> <input type="checkbox"/> Conduct training, briefing, and exercises for wildfire preparedness, response, and recovery procedures, including NIMS training. <input type="checkbox"/> Ensure shelter-in-place supplies and proper safety gear is available for employees <input type="checkbox"/> Identify essential personnel and ensure they are trained to perform critical duties and they are provided with ID/access credentials. <input type="checkbox"/> Establish how and when the utility emergency operations center (EOC) will be activated. <input type="checkbox"/> Assign a representative of the utility to the local/region incident command post or EOC.
Facility Protection and Readiness	<ul style="list-style-type: none"> <input type="checkbox"/> Create a zone of defensible space around sites, wellheads, structures, etc. <input type="checkbox"/> Determine if emergency generators are needed to power facilities. Confirm and document generator connection type, capacity load, and fuel consumption. <input type="checkbox"/> Check that generators, back-up equipment, and facility systems are in working order. <input type="checkbox"/> Be aware of Public Safety Power Shutoff (PSPS) guidelines for planned or emergency power outage for a long duration and a wide expanse. Establish procedures to be notified and have contacts with the electric provider for power outage duration estimates.

WILDFIRE PREVENTION BEST PRACTICES

Response and Recovery	<ul style="list-style-type: none"><input type="checkbox"/> Maintain and inventory extra equipment and supplies to shelter-in-place. Ensure proper safety gear is available for field employees.<input type="checkbox"/> Establish communication procedures with essential and non-essential personnel and ratepayer/public as to work, operational status, and water quality.<input type="checkbox"/> Once the wildfire is contained, inspect the system for damage and operational status. Document all damage assessments to start an insurance claim and/or FEMA reimbursement process. The staff has completed NIMS 100/700 training and training records are on file.<input type="checkbox"/> Develop a lessons learned document and/or an after-action report. Adjust budget or set aside funding for future emergencies.
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WILDFIRE PREVENTION BEST PRACTICES

PLANNING AND COORDINATION

- **Review and update Member's emergency Wildfire Emergency Response Plan (ERP), including contingency plans for maintaining system operations.**

Explanation:

Disasters/emergencies that are likely to occur in the water system's service area should be addressed, including but are not limited to wildfire, earthquake, water outages due to loss of power, localized flooding, water contamination, and acts of sabotage. A wildfire is any instance of uncontrolled burning in grasslands, brush, woodlands, or urban interface. Wildfires can be caused by lightning, human carelessness, or arson. Wildfires often begin unnoticed, spread quickly, and present a direct risk to property and infrastructure, in addition to potential degradation of the water supply. Specific impacts to drinking water and wastewater utilities may include infrastructure damage to the facility or distribution system due to proximity to the fire or firefighting activities.

Resources:

[State Water Resources Control Board Template Emergency Response Plan](#)

[EPA Wildfire Incident Action Checklist](#)

[Incident Action Checklists for Water Utilities](#) - Incidents include but are not limited to the following:

- Cyber-Attack
- Drought
- Earthquake
- Extreme Heat
- Flooding
- Harmful Algal Bloom
- Wildfire
- Source Water Contamination
- Distribution System Contamination

- **For Members who meet the SB 901 definition, establish and maintain current Wildfire Mitigation Plans assessing their level of wildfire risk and providing plans for wildfire risk reduction.**

Explanation:

With SB 901, California has taken a comprehensive approach to mitigate and create greater resilience against wildfire risks. A key element of SB 901 is in the provisions of the California Public Utilities Code (PUC) Section 8386, which requires electric utilities to develop annual wildfire mitigation plans (WMPs) to prevent, combat, and respond to wildfires within their service territories. Under PUC 8386(c), utilities must include in their WMPs statutorily prescribed content addressing a list of specific issues.

Resources:

[SB 901 Wildfire Mitigation Plan Bill](#)

[Public Utilities Code \(PUC\) Section 8386](#)

[CAJPA Wildfire Mitigation Best Practices](#) - In an effort to assist with the State of California's Catastrophic Wildfire Prevention and Response efforts, California Association of Joint Powers Authorities (CAJPA) is sharing this helpful review of related legislation designed to make the state more resilient to wildfires; and best practices and resources to assist with wildfire mitigation and emergency response.

For more information on the utility wildfire mitigation plans and the preceding at the California Public Utilities, please refer to the Commission's [Utility Wildfire Mitigation Plan webpage](#).

[CPUC Approves Wildfire Safety Division Recommendations for Utility 2020 Wildfire Mitigation Plans](#) – June 11, 2020.

[Truckee Donner PUD Wildfire Emergency Preparedness Webpage](#)

[Truckee Donner PUD Wildfire Mitigation Plan - May 2020](#)

[El Dorado Irrigation Forest Management Plan](#)

[Tulare Irrigation District Wildfire Mitigation Plan](#)

- ☐ **Join the State's Water/Wastewater Agency Response Network (WARN) or local/regional agency response network.**

Explanation:

The mission of the California Water/Wastewater Agency Response Network (CalWARN) is to support and promote statewide emergency preparedness, disaster response, and mutual assistance processes for public and private water and wastewater utilities. CalWARN's mutual assistance program is consistent with other statewide mutual aid programs, the Standardized Emergency Management System (SEMS), and the National Incident Management System (NIMS).

Resources:

[CalWARN](#) - The mission of the California Water/Wastewater Agency Response Network (CalWARN) is to support and promote statewide emergency preparedness, disaster response, and mutual assistance processes for public and private water and wastewater utilities.

[Fire Safe Councils](#) - Fire Safe Councils throughout California educate businesses and homeowners about community wildfire preparedness activities while working with local fire officials to design and implement projects that increase the wildfire survivability of their communities. Many Fire Safe Councils have successfully implemented such projects as hazardous-fuel-reduction projects, Community Wildfire Protection Planning, and Emergency Response training.

[Water Emergency Response Organization of Orange County \(WEROC\)](#) administered by the Municipal Water District of Orange County (MWDOC), supports and manages countywide emergency preparedness, planning, response, and recovery efforts among Orange County water and wastewater utilities.

[Public Water Agencies Group](#) is an informal association of 17 public water agencies that provide various types of water service throughout Los Angeles County – from Antelope Valley in northern L.A. County down through the San Gabriel foothills. The Group continues to focus on current issues of concern among public agency water suppliers, including emergency preparedness, where the Group is taking a leading role in establishing a countywide, water-oriented emergency management and assistance network.

[Emergency Response Network of the Inland Empire \(ERNIE\)](#) - facilitates public agency preparedness for, response to, and recovery from local and regional disasters to ensure the delivery of critical public services through mutual aid, communications, and compliance with state and federal emergency standards.

[Sacramento Area Water Works Association](#) - SAWWA acts to advance and protect the interests of the local water industry. SAWWA helps members to reach out and build relationships throughout the community. They do this by considering problems in the production and distribution of safe, adequate water supplies to promote improvements in knowledge, design, construction, operation, and management of water utilities.

Water Resource Managers of Shasta (WRMS). This is an informal monthly meeting group in the Redding area with no website. For more information, contact:

Chris Muehlbacher, General Manager, Centerville CSD
(530) 246-0680

Martha Slack, General Manager, Rio Alto WD
(530) 347-3835

[National Incident Management System \(NIMS\) Training Program Information](#) - NIMS Training Program introduces training focused on the incident command structure and personnel positions and responsibilities. These areas include the Incident Command System, Joint Information System, Emergency Operation Center, and Multi-agency coordination. NIMS training may be a requirement for Multi-agency coordination, FEMA grants, and/or reimbursements.

- **Identify major water connections, interties, and priority water customers to minimize loss of water supply, quality, and/or system pressure, especially related to fire protection and firefighting efforts.**

Explanation:

Identify priority water customers (e.g., hospitals), obtain their emergency contact information, map their locations, and develop a plan to restore those customers first, in case of water service disruptions. Staff will, as quickly and safely as possible, determine the status of operations, assess damage to water system facilities, provide logistics for emergency repairs, and monitor the progress of repairs and restoration efforts. Prepare the customer service personnel to receive incoming calls from customers during an emergency to have information readily available to provide helpful guidance.

- Consider how or where to move water with no power. Prioritize facilities. Locate and exercise valves so they may be used when called upon. Locate single points of failure and determine how to mitigate such vulnerabilities.
- Prioritize sources, treatment, facilities, resources, and essential functions under the conditions of extended power outage and wildfires. Establish critical personnel shift schedules so they can be implemented when needed.

Resources:

[SWRCB Templates for Public Notification](#) - Prepare notifications and messages to customers, partners, and stakeholders for situations such as precautionary boil water notices due to loss of pressure and compromised system.

[Essential Use Customer Classification and Priority System for Rotating Outages](#)

[CDC Guide - Water Supply Planning Guide for Hospitals and Healthcare Facilities](#)

STAFF

- **Conduct training, briefing, and exercises for Wildfire preparedness, response, and recovery procedures. Emergency response staff to complete SEMS G-606, NIMS 100/700 training, and maintain training records.**

Explanation:

Training staff on how to prepare, respond, and recover from wildfires are critical when managing fire emergencies. These actions are collectively known as Emergency/Incident Management. In 1993, the State of California created the Standardized Emergency Management System (SEMS) to respond to emergencies within the state of California. In 2004, the federal government established the National Incident Management System (NIMS) to address nationwide emergencies. Training in both models is necessary to understand how they work together and are required to be eligible for reimbursement of response-related costs. Both systems utilize the Incident Command System (ICS), and Emergency Operations Center (EOC) to respond to incidents. Cal OES provides no-cost training for SEMS, while FEMA provides no-cost training on NIMS. It is recommended all employees attend SEMS Introduction (SEMS G606) Online Course, and management and supervisory staff attend FEMA's ICS-100: Introduction to the Incident Command System, and IS-700: National Incident Management System, An Introduction.

As part of the SEMS/NIMS training, districts shall conduct an annual tabletop exercise on incident response to familiarize themselves with the functions of the ICS and EOC in preparation for future events.

Districts are also required by Cal/OSHA standard 5141.1 Protection from Wildfire Smoke to train staff on the harmful effects and mitigation of wildfire smoke.

Resources:

[SEMS G606: SEMS Introduction Online Course](#) - To access the course, you must click on the “Request” button to register.

[ICS and NIMS Training Courses](#) - Link to courses ICS-100 and IS-700.

[ICS Training Resource Center](#) - Identifies additional courses critical to train personnel capable of implementing all functions of emergency management.

[FEMA’s EOC Skillsets and EOC Skillsets User Guide](#) - The EOC Skillsets reflect common functions performed by EOCs. EOC leaders can mix and match skillsets, combining them to form EOC position task books that reflect the needs of their EOC.

[Overview of SEMS](#) - Brief overview of California’s SEMS.

[Ready.gov Incident Management](#) - Provides an overview of Incident management.

[FEMA ICS for Utilities](#) - Explains why the ICS is important for utilities.

[Cal/OSHA Standard 5141.1 Protection from Wildfire Smoke](#)

[Water Utility Response On-The-Go Mobile Application](#) - Consolidates and makes accessible from the field, information, and tools that water utility operators and their response partners may need during an emergency. The app can help responders and stakeholders increase situational awareness, facilitate coordination, and enhance overall response efforts.

- ❑ **Ensure Shelter-in-Place supplies and proper safety gear is available for employees.**

Explanation:

Necessary supplies and safety gear should be stocked before an emergency event. These supplies will allow staff to focus on necessary tasks to maintain and operate critical assets. It may be necessary in an emergency that staff shelter in place. After an event, it will be difficult to get necessary supplies, stocking these supplies allows time for an EOC to be activated and respond to operational needs. It should be determined in an emergency response plan what supplies will be needed for critical activities. Some supplies may have an expiration date and need to be replaced at appropriate times. It is important to establish an inspection procedure to ensure that no supplies reach their expiration date. Common supplies are water, food, battery-powered NOAA Weather Radio, batteries, flashlights, first aid kit, and N95 respirators. Communication with key staff will be critical. It is important to consider if cell

phones will be operational during an emergency. The system could be overloaded or a cell tower could burn down, making it impossible to contact staff. It is recommended to contact your County Office of Emergency Services (OES) to discuss the district's communication options during emergencies.

Resources:

Ready.gov [Basic Disaster Supply Kit](#)

[EPA Wildfire Incident Action Checklist](#) - Includes a list of potential supplies on page 4.

[EPA Emergency Response Plan Template](#) - Shelter In-place Plan Page 2.

[Government Emergency Telecommunications Service \(Gets\)](#) - Provides priority access and prioritized processing in the local and long-distance segments of the landline networks greatly increasing the probability of call completion.

- **Identify essential personnel and ensure they are trained to perform critical duties. Ensure ID/access credentials are current to allow access during an incident**

Explanation:

It is vital to pre-identify essential personnel before an emergency, but also cross-train personal on critical duties. During an emergency, some staff may not be available during an event. For this reason, it is helpful to have step-by-step checklists for critical positions and operations during emergency response. These checklists should be reviewed by essential personnel and part of an annual incident response training exercise. Pre-identified personnel and checklists should be included in the district's written Emergency Operations Plan.

Essential personal should be issued ID that identifies them as essential workers. This notifies emergency services personnel that the district has critical assets in the area, and they should be allowed access to restricted areas. A contact number should be included on the ID for verification.

Resources:

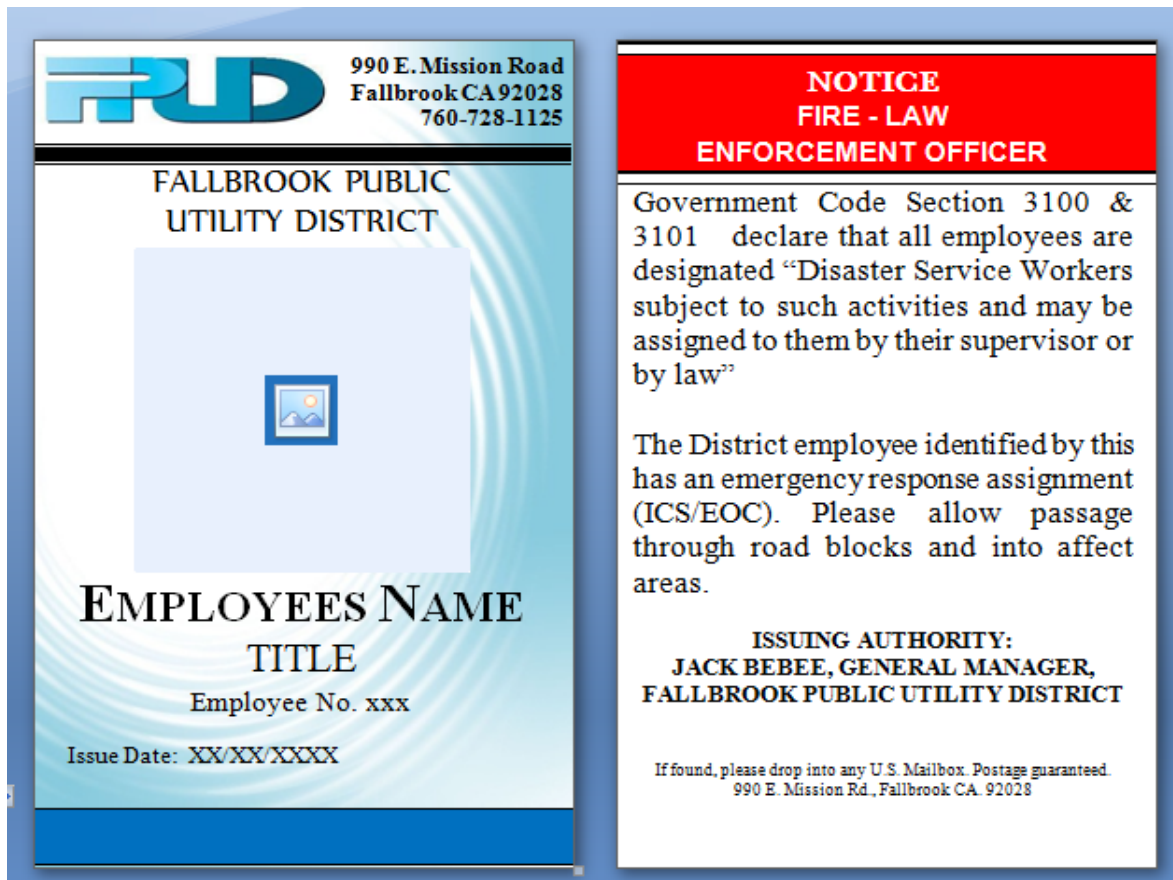
[Ready Business Program Staff/Employee Management Video](#) - Video addresses business preparedness in terms of staff/employee management.

[Ready.gov Emergency Exercises](#) - Reviews exercises for emergency preparedness.

[EPA's Incident Action Response –Wildfire Checklist](#) - This list provides the “Rip & Run” checklist for water utilities on how to prepare, respond, and recover to wildfires.

[Cal/OSHA Preparing for Emergencies Factsheet](#)

Example ID Badge:



- ☐ **Establish how and when the utility emergency operations center (EOC) will be activated.**

Explanation:

An EOC is not an on-scene incident command post (ICP) where the focus is on tactics to deal with the immediate situation. An EOC supports the on-scene activities through the prioritization of tasks and the allocation of available resources. A major function within the EOC is communications between the emergency response operations team, finance team, communications team, and district management. A utility's Emergency Operations Center (EOC) should be activated whenever there is a major incident that causes significant property damage, potential or actual business disruption, or has the

potential to cause a significant impact on the business. Chain of command and lines of authority should be predesignated identifying whom and when an EOC can and should be activated.

Resources:

[National Incident Management System](#) - EOC Activation and Deactivation (page 38).

[Emergency Response Planning Template for Public Drinking Water Systems \(Small Systems\)](#) Chain of Command and Events that Cause Emergencies (pages 4 & 5).

- ☐ **Assign a qualified representative of the utility to the Incident or Unified Command Post.**

Explanation:

A member district shall identify qualified staff to represent the member in local or county OES. This interface is vital to receive and give up-to-date information related to the emergency. This is the most effective way for members to stay informed and understand how an emergency may affect the district. It is strongly advised that districts develop these relationships before an emergency.

Resources:

[FEMA's Organizational Representation EOC Skillset Form](#) - This form identifies the general duties of an organization's representative when visiting.

FACILITIES

- ☐ **Create a zone of defensible space around sites, wellheads, structures, etc.**

Explanations:

Defensible space refers to the area surrounding a building that is mitigated to protect it from wildfires. Along with the quality of a building's roofing material, adequate defensible space is one of the most important factors in determining a building's ability to survive a wildfire. The defensible space is made up of two zones totaling at least 100 feet from the building. The creation and maintenance of defensible space, when possible, can greatly reduce the fire risk to a facility.

Members are encouraged to check with their city and/or country specifics on defensible space.

Resources:

[JPIA Source – Wildfire Preparedness](#) – Initial steps to develop a sustainable plan that will help agencies protect against wildfires.

[JPIA– Water and Wastewater Preparedness and Response to Wildfire](#) – Actions agencies can take to prepare, respond, and recover from a wildfire.

[Alliant Fire Season: Preparing for the Worst](#)

[SB 190](#) – Legislation that is required for the development and enforcement of a defensible space program.

[California Code GOV § 51182](#) – Code requiring occupied dwellings or structures to maintain defensible space.

[Public Resource Code \(PRC\) 4291](#) - Protection of forest, range, and forage lands.

[Cal Fire Defensible Space / PRC 4291](#) – Resources for creating a defensible space.

[Cal Fire Maintain Defensible Space](#) – Resources for maintaining a defensible space.

[Cal Fire Wildland Urban Interface Operating Principles](#)

[USDA Wildfire, Wildlands, and People: Understanding and Preparing for Wildfire in the Wildland-Urban Interface](#)

[US Fire Administration Wildland Urban Interface \(WUI\)](#)

[FEMA Defensible Space](#)

[FEMA How to Prepare for a Wildfire](#)

[DisastorSafety.org Maintain Defensible Space](#)

- ☐ **Determine if emergency generators are needed to power facilities. Confirm and document generator connection type, capacity load, and fuel consumption.**

Explanations:

The loss of electric power can have profound impacts on drinking water and wastewater utilities. With increased attention on wildfire and the adoption of Public Safety Power Shutoff (PSPS), the loss of electrical power is more likely than ever. The impacts of these power outages can incur pressure losses, boil water advisories, a reduction or cessation of water treatment, sewage back up, or the discharge of untreated sewage into the public right of ways, rivers, and streams. There are many steps drinking water and wastewater utilities can take to obtain backup power, and ensure that their lifeline services continue as long as possible during grid power outages.

Efforts should be made around developing an emergency power backup plan. One that provides backup power to critical infrastructure, either through permanent or mobile generators, or solar and batteries.

Resources:

[EPA Power Outage Incident Action Checklist \(PDF\)](#)

[Using Backup Generators: Alternative Backup Power Options](#)

[PG&E Backup Power](#)

[CARB – Emergency Backup Power Option – Commercial](#)

[CARB - Use of Back-up Engines for Electricity Generation During Public Safety Power Shutoff Events](#)

[Using Portable/Emergency Generators Safely and Usage Guidelines](#)

- **Check that generators, back-up equipment, and facility systems are in working order.**

Explanations:

Emergency generator sets used for either prime or backup (emergency) power must be regularly maintained to ensure they provide quality power throughout their service life. The best generator inspection and maintenance practice are the National Electrical Code (NEC) 700. The Code's main goal is to keep the emergency generator from breaking down and operating as reliably as possible. Members should check their generator's manufactures operators manual for preventative maintenance and self-inspection checklists.

Resources:

[Preventive Maintenance For Standby Emergency Generators](#) - (Perspective September/October 2019, page 6).

[2020 NEC](#) – A NFPA profile ([free to create](#)) is needed to access the Article 700.

[Mike Holt's Illustrated Guide to NEC Requirements for Generators and Standby Power Systems](#)

[OSHA Fact Sheet - Using Portable Generators Safely](#)

[US Army Engine Generator Set Inspection Checklist](#)

- **Be aware of Public Safety Power Shutoff (PSPS) guidelines for planned or emergency power outage for a long duration and a wide expanse. Establish procedures to be notified and have contacts with the electric provider for power outage duration estimates.**

Explanations:

Given the continued and growing threat of extreme weather and wildfires, additional precautionary measures have been adopted to enhance community wildfire safety. A PSPS can be implemented in a geographical area when there are gusty winds and dry conditions, combined with heightened fire risk, or threaten a portion of the electric system. Therefore, members are encouraged to establish procedures within their emergency response plan to prepare and respond to a PSPS.

Resources:

[Public Safety Power Shutdown – The Power of Being Prepared](#)

[Public Safety Power Shutoffs – Resource Guide](#)

[PGE Public Safety Power Shutoff Policies and Procedures](#)
(September 2019).

[SDGE – Public Safety Power Shutoff](#)

[Southern California Edison - Public Safety Power Shutoff](#)

[Liberty Utilities PSPS Fact Sheet](#)

RESPONSE AND RECOVERY

- **Maintain and inventory extra equipment and supplies to shelter-in-place. Ensure proper safety gear is available for field employees.**

Explanation:

Ensure all necessary equipment and supplies are prepared as part of the district's emergency planning. Designate locations throughout the district where supplies can be properly stored and used in the event of a shelter-in-place event. Ensure a sustainable supply chain to guarantee that all vital equipment and supplies are replenished when needed. When evacuation is not possible, maintain enough supplies (i.e. food, water, personal items) for a minimum of three days. Develop a process to check all emergency supplies at least once a year, and replace anything that could be expired or non-functioning.

Resources:

[Cal Water Emergency Preparedness](#)

[Emergency Supply Kit](#) - Maintaining adequate supplies such as food, water, personal items, tools.

[Storing Emergency Water Supply](#)

[EPA –Drinking Water Supply Planning](#)

[Ready.gov Build A Kit](#)

[California Emergency Plan & Emergency Support Functions](#) - During statewide events, develop a plan to work with the county OES Resources Unit for a resource request.

- **Establish communication procedures with essential, non-essential personnel, and ratepayer/public as to work, operational status, and water quality.**

Explanation:

Develop a communication plan to communicate promptly and accurately with employees, the public, and local city/county governments. Identify key leadership and liaison positions that can initiate the plan when a disaster strikes. Implement a notification system that quickly reaches out to employees and ratepayers. A mass communication system should be used for quickly pushing out information to employees and the public. Ensure contact information is accurate and accessible during an incident. Develop a process to check that contact information is up-to-date. Ensure that methods selected for communicating would be reliable during times of an emergency. Lines of communication should be checked during yearly emergency preparedness exercises.

Resources:

[Ready.gov Communication Plan](#)

[FEMA Mobile App](#)

[Public Safety Power Shutoff](#)

Mass Communication Systems:

[Alert OC](#) - Orange County's notification system designed to distribute emergency information to staff and the public.

[Text-Em-All](#) - App can be used to communicate with district personnel.

[Standardized Emergency Management System \(SEMS\)](#) - During the multi-agency response, SEMS/NIMS will be activated to communicate with local first responders and County OES.

- **Once the wildfire is contained, inspect the system for damage and operational status. Document all damage assessments to start an insurance claim and/or FEMA reimbursement process. The staff has completed NIMS 100/700 training and training records are on file.**

Explanation:

Document information about the operational status of locations and assets and the extent of damages. Develop an itemized list of losses and potential losses with an estimate of debris removal, repair, or replacement cost of each item/location, and emergency work. Document staff time during preparation and response during a fire. Ensure, based on position(s) held, all personnel have completed the applicable National Incident Management System (NIMS) and Standardized Emergency Management System (SEMS) training. Conduct risk assessments for the development of a Hazard Mitigation Plan.

Resources:

[EPA Public Assistance](#) - Public assistance for Water and Wastewater Utilities in emergencies and disasters.

[Cal OES Emergency Management Training Program](#)

[Cal OES Hazard Mitigation](#)

[FEMA- Emergency Operations Center Assessment Checklist](#)

[National Incident Management System Training - NIMS](#)

[Cal OES – My Hazards](#) - Discover hazards in your area (i.e. wildfires) and develop steps to reduce risks.

[OC Regional Water and Wastewater Hazard Mitigation Plan](#)

[FEMA Preliminary Damage Assessments](#)

- **Develop a lessons learned document and/or an After Action-Corrective Action report. Adjust budget or set aside funding for future emergencies.**

Explanation:

Lessons learned can provide a roadmap to recovery. It should be tailored to specific operations affected by a wildfire. Develop a mitigation plan to reduce or eliminate disaster-related damage from recurring. The use of checklists and/or online toolkits can be very effective in developing a recovery plan. The following should be considered when adjusting budgets or creating future emergency funds:

- Staff training
- Property protection
- Viable supply chain
- Equipment/IT service

Resources:

[Cal OES After Action-Corrective Action Reporting](#)

[Community Wildfire Protection Plan](#)

[Protect Against Future Disasters](#)

[Water Infrastructure and Resiliency Finance Center](#) - Webinars highlighting the financing resources available to utilities.

[Urban-Wildland Fire Coordination Plan for Water Utilities & Fire Departments](#)

This template was developed by The Water Emergency Response Organization of Orange County (WEROC) with lessons learned and best practices from recent wildfires.

[Federal Disaster Funding](#) - Eligible uses of selected federal disaster funding for Response, Recovery, and Mitigation efforts.

[Ready.gov Preparedness Planning](#)

ACWA JPIA
Risk Control Manual
February 9, 2021

BACKGROUND

The ACWA JPIA's risk control efforts are designed to assist the membership in reducing the frequency and severity of pool losses. The JPIA's focus is to encourage its members to implement programs and "best practices" that assist with reducing these types of claims.

CURRENT SITUATION

The ACWA JPIA developed an online Risk Control Manual as a resource for members to use when developing policies for their risk management, safety, and loss control programs.

The Risk Control Manual has 27 sections that cover a wide assortment of subjects, such as the *Injury and Illness Prevention Program*, *Cal/OSHA programs*, and links to public domain resources. It offers numerous sections specific to water and wastewater operations.

Several sections focus on the implementation of effective risk control programs, including employee safety, competent and authorized person designation, property protection, emergency response, vehicle safety, water security, and wildfire prevention.

The manual is an outgrowth of members' requests for a ready reference of risk control resources. Members are encouraged to review and individualize the many sample policies, programs, templates, and checklists available in our Risk Control Manual.

RECOMMENDATION

None, informational only.

The JPIA Risk Control Manual: Risk and Safety Resources at Your Fingertips

ACWA JPIA has developed the Risk Control Manual as a resource for JPIA members to use when developing policies for their Risk Management, Safety and Loss Control Programs.

Access the new JPIA Risk Control Manual at <https://www.acwajpia.com/rc-manual>

This valuable no-cost membership resource for ACWA JPIA members includes twenty-seven sections:

Section 1	Injury/Illness Prevention Program	Section 14	Fire Prevention Plan - Risk Control
Section 2	Cal/OSHA Compliance, Policies and Procedures Manual	Section 15	Forms and Checklists
Section 3	Cal/OSHA Publications	Section 16	Ergonomics - Risk Control
Section 4	Cal/OSHA - Title 8 Regulations Search & Index Tools	Section 17	Hazard Communication Program - Risk Control
Section 5	Cal/OSHA Guidance for Construction Employers	Section 18	Heat Illness Prevention Program
Section 6	Cal/OSHA Inspection Procedures	Section 19	Job Hazard Analysis (JHA)
Section 7	Cal/OSHA Safety, Health and Instructions Requirements	Section 20	Lockout/Tagout/Blockout
Section 8	Code of Safe Practices - Safe Practices and Operating Procedures	Section 21	Temporary Traffic Control and Flagging Operations
Section 9	Accident and Incident Investigation	Section 22	Vehicle/District Driver Policy and Inspections
Section 10	Competent/Authorized Person Documentation Forms	Section 23	Respiratory Protection Program
Section 11	Confined Space Entry	Section 24	Silica
Section 12	Excavation and Locating/811 Best Practices	Section 25	Valley Fever
Section 13	Emergency Action Plans	Section 26	Water/Waste Security
		Section 27	Wildfire Preparedness - Response - Recovery

It is a comprehensive collection of over 150 resources for risk management and other water and wastewater related industry topics. Find checklists, policy templates, workers' compensation forms, and other useful links to browse, read, and download.

Many of the checklists, standard operating procedures, and sample templates in the Risk Control Manual are provided in a MS Word format and are fully customizable to each member's needs and exposures.

Several sections focus on implementation of effective risk control programs, including focus on employee safety, competent person designation, property protection, emergency response, environmental safety, vehicle fleet safety, wildfire prevention and security.

The manual provide links to regulatory standards, consultation resources, e-tools and safety information from online safety and health sources including Cal-OSHA and the State Water Resources Board.

Questions about the Risk Control Manual can be directed to your assigned Risk Control Advisor or email tlofing@acwaipia.com.

JPIA Risk Control Advisors

Northern California Region: Robin Flint, Risk Control Manager; rflint@acwaipia.com
Thor Benzing, Senior Risk Control Advisor; tbenzing@acwaipia.com

Southern California Region: Peter Kuchinsky, Lead Risk Control Advisor; pkuchinsky@acwaipia.com
Lee Patton, Senior Risk Control Advisor; lpatton@acwaipia.com
Jesse Cota, Senior Risk Control Advisor; jcota@acwaipia.com

Central Valley Region: Matt Bunde, Senior Risk Control Advisor; mbunde@acwaipia.com

Webinar Notes:

ACWA JPIA
2020-2021 Risk Assessment Focus Areas
February 9, 2021

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

CURRENT SITUATION

In September 2020, staff discussed the 2020-2021 risk assessment focus areas. Due to the COVID-19 pandemic and associated safer at home guidelines issued by many county public health agencies, Risk Control staff have been conducting virtual risk assessment visits. To supplement virtual visits, staff needed to identify risk assessment focus areas while making strides to assist members with maintaining effective safety programs.

The 2020-2021 risk assessment focus areas are reviewing or reintroducing the JPIA's Commitment to Excellence Program, Professional Development Program, and the Risk Control Manual. The goals are to meet the member where they are in the development or enhancement of their safety programs, and to support members with building in-house competency to implement their programs. Highlights of risk assessment focus areas are attached and shared by staff.

RECOMMENDATION

None, informational only.



January 13, 2021

Mr. Michael Gualtieri, General Manager
 La Habra Heights County Water District
 P.O. Box 628
 La Habra, California 90633-0628

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

Dear Mr. Gualtieri:

On December 30, 2020, a Zoom meeting was held with Joe Matthews, Superintendent, to conduct claims and program review. Please thank Joe for his time in meeting with me. Hopefully, soon, I will be able to visit La Habra Heights County Water District (LHHCWD) to conduct site visits.

Loss Review

For Workers' Compensation, we reviewed the most recent claim that dealt with an employee being exposed to sodium hypochlorite fumes. Joe mentioned that after the incident, an in-depth accident investigation was conducted to determine the root cause. He explained that the root cause was a leak to a line carrying sodium hypochlorite, this created the fumes the employee was exposed to. Several corrective actions came from the investigation the District implemented:

- The line carrying sodium hypochlorite was exposed to direct sunlight causing a hole in the line. The District is now using a more sun-resistant line and it also replaces the line during monthly maintenance.
- An air exchanger was permanently placed at the site, to be used every time work is being conducted.
- All work at this location is now conducted in a two-man team. The accident happened during the weekend when only one employee was on call.

The District's most recent property claim dealt with a tank overflow. Joe mentioned that the District had recently updated their SCADA from a landline signal to a cellular one. The SCADA alarm did not go off when the tank began to overflow. This caused spillage into a spillway that collapsed, allowing the water to flow into the nearby canyon. Joe said that after the incident it was realized that the cellular signal in that area was poor, so the District has gone back to a landline for that location. Also, the spillway had slipped a bit since being built. The District is currently working to get this properly repaired.

Mr. Michael Gualtieri, General Manager
 La Habra Heights County Water District
 January 13, 2021
 Page 2

I applaud the District for its in-depth investigation to determine proper corrective actions to be implemented. It was recommended that a review be conducted in three to six months to ensure that corrective actions are effective and sustainable.

Property Program

We reviewed that all assets the District wants to be covered must be listed on the Property Schedule. New assets must be added within *90 days of acquisition* to ensure proper coverage. For detailed questions about coverage changes, please contact [Nidia Watkins](#) in Member Services at (916) 786-5742.

C2E and Risk Control Grant Program

We reviewed the JPIA's Risk Control Grant Program. It is designed to help members prevent and mitigate losses. JPIA members will be eligible for a grant of up to \$10,000 to fund risk management and safety program projects. For additional information, please visit the [JPIA's Grant Program](#) page on our website.

The District has already met the first criteria of the Grant Program by signing the JPIA's "[Commitment to Excellence](#)" Program (C2E). We reviewed that the C2E Program asks a District to review its current risk control practices to see where improvements could be made related to loss history and exposures. The [Opportunity Review](#) found on the JPIA's website was reviewed and is a great way to identify where the District can start when reviewing its safety programs.

Risk Control Manual (RCM)

The [RCM](#) is a resource a member can use when developing or updating policies for their Safety and Loss Control Programs. The manual has 27 specific sections where districts can find sample programs, forms, and checklists tailored to meet specific needs. During our meeting, we reviewed the following sections:

- **Section 9 Accident and Incident Investigation** – Includes additional tools like the [Cal/OSHA Accident Investigation Tool](#) that can aid with the investigation process.
- **Section 15 Forms and Checklists** – Several sample checklists are provided, including a [Sample General Work Areas Hazard Inspection Checklist](#).
- **Section 19 Job Hazard Analysis (JHA)** – Section includes JHA templates and a list of [JHA by topic](#) from UC Berkeley.

Program Review

- **Training** – We discussed training requirements and how to ensure that all employees receive the required training. TargetSolutions is a good tool to use for refresher training. Joe was informed that I am available to assist, via web conferencing, in any safety training the District is looking to provide its employees. Additional resources for training can be found on the JPIA's website on the [Safety Factsheets](#) page.

The following safety factsheet topics are resources the District can use during safety meetings:

- [Sprains and Strains](#)
- [Defensive Driving – Top 10 Tips](#)

These resources, along with the District's SOPs can be reviewed during safety tailgate meetings.

Mr. Michael Gualtieri, General Manager
 La Habra Heights County Water District
 January 13, 2021
 Page 3

- **Valve Maintenance Program** – Joe mentioned that the goal is for all valves to be exercised at least once every one-two years. It was great to hear that when LHHCWD exercises valves, employees use an automated truck-mounted valve turner. This is an excellent practice since manual valve operations lead to a high rate of ergonomic injuries due to excessive force, repetitive motion, and awkward postures. Additional information was shared to shed light on other possible best practices the District can incorporate.
- **Hazard Inspections** – LHHCWD has done a great job of maintaining a good hazard inspection process. We discussed that a great way to ensure employees have a safe working environment, and are using well-maintained equipment is by conducting at minimum, monthly inspections at sites and of critical safety equipment. Joe reviewed that LHHCWD conducts quarterly inspections and that each site has an inspection checklist. This a great process that ensures inspections are completed and any corrective actions taken are documented.

Professional Development Program (PDP)

Finally, I want to provide you information on staff training opportunities through the JPIA's Professional Development Program. The PDP was developed to assist members and participants in improving supervisory level skills through three specialty areas: *Supervisor Basics*, *Human Resources*, and *Operations*.

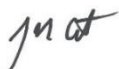
Some key benefits include:

- Opportunity for employee growth and professional development
- Improve specific supervisory skills related to the water industry.
- Reduces potential liability, property, and workers' compensation losses.

To [apply](#) or for more information about the [JPIA's PDP Program](#) including enrollment requirements, please visit our website or contact our Training Department at training@acwajpia.com.

In closing, it was a pleasure conversing with Joe. You have a great team and I look forward to providing risk management services to La Habra Heights County Water District. Hopefully, I will be able to conduct site visits soon. As always, if you have any questions or need additional assistance, please contact me at (949) 433-0471 or jcota@acwajpia.com.

Sincerely,



Jesse Cota, CSP
 Senior Risk Control Advisor

113:tl

c: Joe Matthews, Superintendent
 JPIA Member Services
 JPIA Risk Management Committee
 Karen Baroldi, JPIA Board Member



YOUR BEST PROTECTION

January 7, 2021

Mr. Jeff Cole, General Manager
Mountain Gate Community Services District
14508 Wonderland Blvd.
Redding, California 96003-8518

Re: Liability and Property Risk Review

Dear Mr. Cole:

This letter is a follow up to our virtual meeting on December 7, 2020, where we reviewed District claims and programs. Please thank Tim Heck, Chief Plant Operator, for his time and consideration. Hopefully, soon, I will be able to visit Mountain Gate Community Services District (MGCS D) to conduct site visits and training.

Loss History

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

Liability

The District should be commended for not having any liability claims since the program year 2007/08. During our meeting, we discussed the benefits of implementing a valve exercise program. Having a valve exercise program can help a district locate and shutdown valves during a line break or other emergency. These are some of the best methods to limit property damage and the cost of claims. Thank you for sharing the District's current valve exercising procedure and adopting the best practice of exercising all valves at least annually.

Property

The District has experienced two property claims in the last five years. One was related to an electrical storm that we discussed last year. The other was a theft when a bay door was open. Since the theft, the District has addressed the bay door, so it is no longer held open and operates properly. This action has reduced the risk of thefts of opportunities at this site.

Please note there have been recent changes to the Property Program for the new Program year. All existing and new assets the District wants to cover must be listed on the Property Schedule ***within 90 days of acquisition*** to ensure proper coverage. For detailed questions about coverage changes, please contact [Debbie Kyburz](#) in Member Services at (916) 786-5742.

Professional Development Program

We discussed the [JPIA's Professional Development Program \(PDP\)](#). The PDP provides an opportunity for a member's staff to enhance their knowledge and perform their job safely, legally, and

Mr. Jeff Cole, General Manager
 Mountain Gate Community Services District
 January 7, 2021
 Page 2

efficiently. It is designed to help members reduce losses by providing all staff levels with the skills needed to maximize personal and organizational success.

There are three areas or tracks within the PDP: *Operations*, *Supervisor Basic*, and *Human Resources*. Each area focuses on risk identification, effective leadership skills, and can prepare them for advancement. Each area's courses include face-to-face training, online and self-study options, and various activities such as an [H.R. LaBounty Safety Award](#) nomination.

Commitment to Excellence

This meeting provided an opportunity to review the JPIA's "[Commitment to Excellence](#)" Program (C2E). Our records show that the District received a C2E certificate and sent a signed copy to the JPIA in 2014. Additionally, the C2E Program asks members to review its current risk control practices to see where improvements could be made related to loss history and exposures. The [Opportunity Review](#), found on the JPIA's website, is a great way to identify where the District can start reviewing its safety programs. I recommend starting with the "Infrastructure tab." In the coming months, we can connect to review the Opportunity Review in additional detail.

Risk Control Manual (RCM)

Finally, we discussed that the [RCM](#) is a resource that members can use when developing or updating policies for their Safety and Loss Control Program. The manual has 27 specific sections where members can find sample programs, forms, and checklists tailored to meet specific needs. During our meeting, we reviewed the following sections:

- **Section 1 Injury/Illness Prevention Program (IIPP)** – Templates and best practices are provided that the District can use when reviewing your IIPP including the [Cal/OSHA IIPP Self-Assessment Checklist](#).
- **Section 13 Emergency Action Plan** – Sample plans including [EPA Emergency Action](#) Checklists for water and wastewater utilities.
- **Section 19 Job Hazard Analysis (JHA)** – Section includes JHA templates and a [JHA list by topic](#) from UC Berkeley.

I want to thank Mountain Gate Community Services District for being a JPIA member. I look forward to seeing the District after the pandemic has concluded. In the meantime, if you have any questions or need assistance, please call me at (530) 400-5629, or contact me via email at tbenzing@acwajpia.com.

Sincerely,



Thor Benzing
 Senior Risk Control Advisor

107:tl

c: JPIA Member Services
 JPIA Risk Management Committee



December 14, 2020

Mr. Nemesciano Ochoa, General Manager
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, California 91241-3516

Re: Risk Assessment Review

Dear Mr. Ochoa:

This confirms my virtual risk assessment review on December 2, 2020, at which time I met with you; Dennis Maxwell, Director of Operations; James Lee, Director of Finance and Administration; Arturo Montes, Finance and Administration Manager; and David Gould, District Engineer. For this meeting, we discussed the following:

- Status of the switch to Chloramines
- Online Training
- Risk Transfer
- Injury and Illness Prevention Program (IIPP)
- Valve Exercising and Maintenance
- Hazard ID and Correction
- Risk Control Manual
- Commitment to Excellence (C2E)
- Wildfire Prevention
- Loss Review

Chloramines

David advised that all the equipment has been installed, but THM levels have not been high enough to require the conversion.

Online Training

Since in-person training has been suspended due to the pandemic, we are encouraging our members to utilize TargetSolutions. I was glad to hear that James has had two training sessions with Jenna Davis, our TargetSolutions Representative. We reviewed the [TargetSolutions Catalog](#). TargetSolutions was bought by VectorSolutions, which has expanded the course selections including some interactive courses. It is recommended that a training matrix be developed for each employee based on their specific job duties.

The JPIA developed a [Training Frequency Guide](#) that is based on statutory requirements by California Law, Cal/OSHA, or best practice (JPIA recommendations). Some of these classes can be taken through JPIA E-Learning, TargetSolutions, or JPIA Recorded Webinars.

Mr. Nemesciano Ochoa
 Crescenta Valley Water District
 December 14, 2020
 Page 2

Another resource that we did not specifically discuss is the [JPIA's Professional Development Program](#). This Program is well recognized in the industry and has three tracks: *Operations*, *Human Resources*, and *Supervisor Basics*. A training matrix for each is provided that provides another guide for setting up training matrixes for your employees. Many of these classes can also be taken through TargetSolutions, JPIA E-Learning, and JPIA Recorded Webinars. If in-classroom training is the only option, those will have to wait.

Three employees: Raymond Dodge, Dennis Maxwell, and Wendy Holloway had started Specialty Tracks, but I do not believe they ever completed to receive a framed certificate.

Risk Transfer

Our [Risk Transfer Manual](#) was reviewed, specifically the [Model 5- Construction Contract](#). This model has clauses that we suggest be included in your contracts. If there are any contracts over \$25,000, where trenching will be performed more than five feet in depth, the last paragraph that discusses California Labor Code 6705 would also be important to include. If David has a contract template that he uses, he can send it over to Nidia Watkins in our Member Services Department to review. Nidia can be reached at nwatkins@acwajpia.com.

Sometimes members will use a Purchase Order for smaller projects. If there will be any safety issues with these jobs, then the Model 5-Construction Contract should be used and at least the first paragraph under *General Clauses*, *Safety* should be included.

Injury and Illness Prevention Program (IIPP)

A review was completed of the District's Program that was implemented in 2016. Comments and suggested changes have been included in the review that is attached. Cal/OSHA recently added a section to their [Model Program](#), Employee access to IIPP. Also, under an Emergency Temporary Order, companies are now required to have a [COVID-19 Prevention Program](#) that can be incorporated into their IIPP or kept as a separate document. It is probably easier to keep it as a separate document.

Valve Exercising and Maintenance Program

This is an emphasis area for the JPIA. Dennis advised that the District has a valve truck and GIS Database. He advised that there is no valve turning by hand.

Hazard Identification and Correction

This is also an emphasis area for the JPIA. Dennis confirmed that monthly inspections are conducted. The IIPP review did highlight that the current forms need some updating.

Risk Control Manual

We reviewed our new [Risk Control Manual](#) on our website. Your team will find it to be a good resource when updating programs and forms.

Commitment to Excellence Program (C2E)

The [C2E Program](#) was developed several years ago to identify best practices to reduce our members' exposures in five categories:

- Vehicle Operations
- Construction

Mr. Nemesciano Ochoa
Crescenta Valley Water District
December 14, 2020
Page 3

- Infrastructure/Wildfire
- Employment Practices
- Cyber Security
- Ergonomics/Falls

The Program was expanded this past year to include *Wildfire* and *Cyber Security*. Early next year, we can plan to review the C2E Menus for each of these categories to see where the District stands and what improvements might be needed. We will then ask you and your Board to sign the C2E Certificate as your commitment to this Program.

JPIA Grant Program

This Program is tied to our C2E Program. The purpose is to promote the implementation of best practices to prevent or mitigate losses in the JPIA's Workers' Compensation, General Liability, and Property Programs within the categories noted above. This year we will provide ten grants up to \$10,000 each. Once your District commits to the C2E Program it will be ready to submit a grant request next year.

Wildfire Prevention

Dennis advised that the District has a landscape contractor who maintains the landscaping around remote sites. The District also received a \$165,000 FEMA Grant for Hazard Mitigation for Water and Sewer. The Wildfire menu in the C2E Guide will be reviewed when we complete the C2E review next year.

Loss Review

Workers' Compensation

The District's current experience modification (E-Mod) is 0.84.

The 2019/20 policy-year saw four claims, three sprain/strains, and one laceration. The supervisor accident investigation reports were not available. Our claim files had employee reports for three of the injuries. As I mentioned to Dennis after our meeting, I am just wrapping up a new Accident/Incident Investigation training. We may turn this into a webinar if we are not able to conduct field in-classroom training. I am providing a copy of our updated Supervisor's Accident/Incident Investigation Form for Dennis to review and possibly implement. The new training stresses getting to the root cause of an accident or incident to prevent a recurrence.

During my visit last year, Dennis and I discussed an accident where an employee fractured his finger while guiding a fire hydrant by hand while it was hoisted. Dennis advised that this injury could have been avoided if a tag line had been used. Here is a link to a rigid magnet stick that may be a solution: [safe-t-stik-magnetic-no-touch-load-control](#).

Liability Program

The District's current experience modification (E-Mod) is 1.60.

The E-Mod was significantly impacted by a wrongful termination claim that occurred during the 2017/18 policy-year, and an eight-inch main break that occurred during the 2018/19 policy-year. During the 2019/20 policy-year, a claimant fell through a meter box lid. One way to address this

Mr. Nemesciano Ochoa
 Crescenta Valley Water District
 December 14, 2020
 Page 4

exposure would be to periodically send notices to customers to advise them to report damaged meter box lids to the District.

Property Program

The 2019/20 policy-year saw one accident where a District truck was rear-ended. The good news is that all but \$190 was recovered from the other party's insurance company.

The National Highway Traffic Safety Administration (NHTSA) states that reflective tape can effectively reduce impacts by 29 percent.



It is recommended that the strip of tape be between 36 inches (bottom), and 48 inches (top), above the road with a minimum tape width of 6 inches.

My next risk assessment will be scheduled for September 2021. If I can be of further assistance, I can be reached at (818) 414-7382 or via email at lpatton@acwajpia.com.

Sincerely,

Lee S. Patton

Lee S. Patton, CSP
 Senior Risk Control Advisor

1214:tl

Enc. Crescenta Valley WD IIPP Review Form
 Supervisor Accident-Incident Investigation Form

c: James Lee, Director of Finance and Administration
 Arturo Montes, Finance and Administration Manager
 Dennis Maxwell, Director of Operations
 David Gould, District Engineer
 JPIA Risk Management Committee
 Judy Tejada, JPIA Board Member



December 15, 2020

Mr. Peter Thompson, General Manager
Antelope Valley State Water Contractors Association
2029 East Avenue Q
Palmdale, CA 93550-4050

Re: Liability Program Risk Review

Dear Mr. Thompson:

This letter is a follow-up to our conference call on December 4, 2020, to discuss the Association's loss review. One of the functions of the ACWA JPIA's Risk Management staff is to contact each member at least once a year to learn of any changes to their coverage program loss potential. I appreciate the time you took to meet with me and provide an update on Association operations.

Loss Review

The Association Experience Modification Rate (E-Mod) is currently 0.97 for the Liability Program. The Association has no reported liability claims in the last five years. Thank you for your continuing efforts to reduce loss exposures in your daily operations and safe work practices.

Risk Control Manual (RCM)

The Risk Control Manual is a resource members can use when developing or updating policies for their safety and loss control programs. The manual has 27 specific sections where the Association can find sample programs, forms, and checklists tailored to meet specific needs. The web page link for the manual is <https://www.acwajpia.com/rc-manual/>.

We would like to thank Antelope Valley State Water Contractors Association your participation in our Liability Program. If you have any questions or need additional assistance, please contact me at (800) 231-5742, or via email at cwagenseller@acwajpia.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Charles P. Wagenseller'.

Charles Wagenseller
Cost Estimator/Risk Management Advisor

1215:tl

c: JPIA Member Services
JPIA Risk Management Committee
Kathy Mac Laren, JPIA Director

ACWA JPIA
Overview of the Risk Assessment Process
February 9, 2021

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 JPIA Risk Control resources, 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.

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

CURRENT SITUATION

Mr. Peter Kuchinsky II, Lead Risk Control Advisor, will provide a review of the risk assessment process to the Committee. The information provided is an overview of the collaborative and supportive partnership Risk Control staff have with our members during a risk assessment visit and throughout the year.

RECOMMENDATION

None, informational only.

ACWA JPIA
Claims Analysis for the
Liability, Property, and Workers' Compensation Programs
February 9, 2021

BACKGROUND

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

CURRENT SITUATION

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

RECOMMENDATION

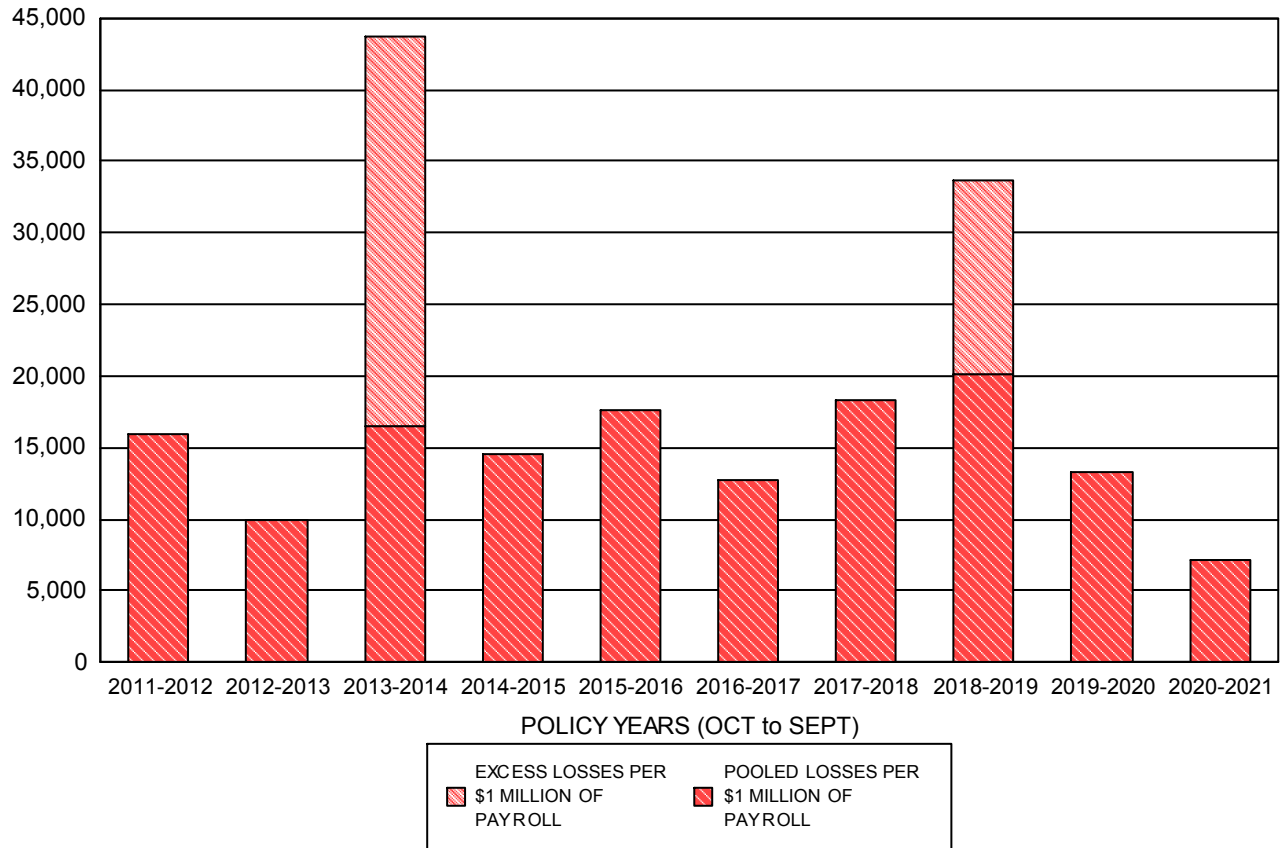
None, informational only.

ACWA JPIA - LIABILITY PROGRAM

REPORTED LOSSES PER \$1 MILLION OF PAYROLL

FOR MONTH ENDING 1/31/2021

43

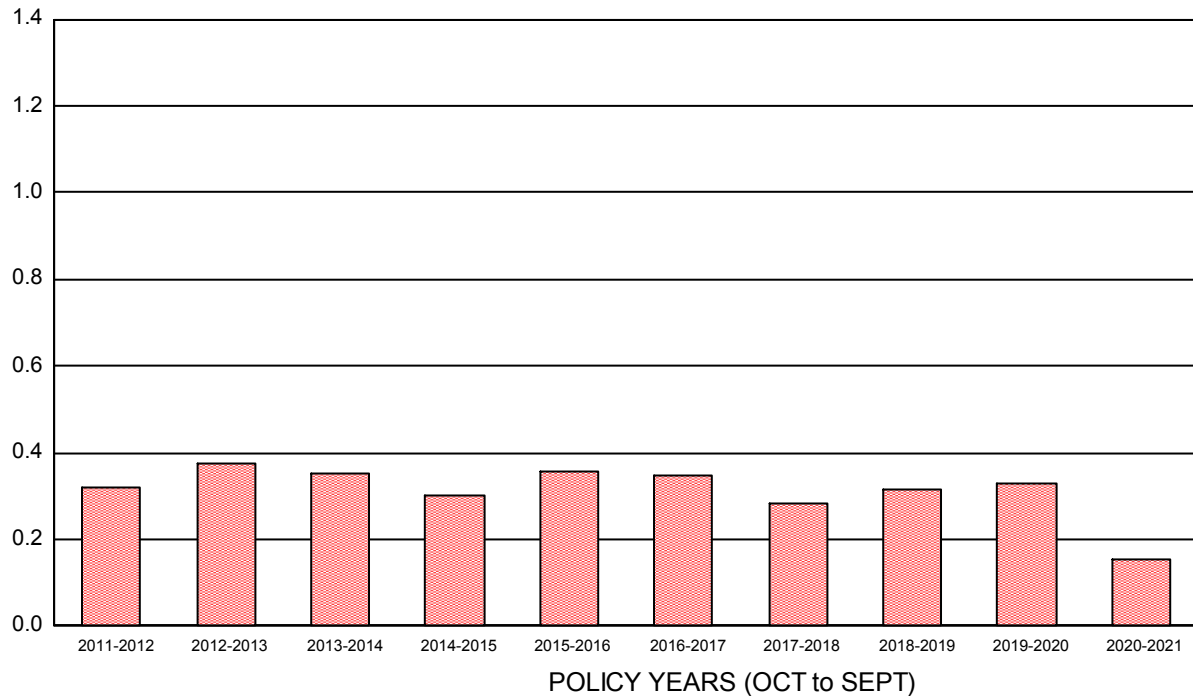


PROGRAM YEAR (10/1)	# OF MEMBERS	SELF INSURED RETENTION	POOLED LOSSES	EXCESS LOSSES	TOTAL LOSSES	ACTUAL PAYROLL	POOLED LOSSES PER \$1 MILLION OF PAYROLL	TOTAL LOSSES PER \$1 MILLION OF PAYROLL
2006-2007	286	1,000,000	7,373,623	455,000	7,828,623	411,559,778	17,916	19,022
2007-2008	285	1,000,000	3,566,530	0	3,566,530	436,649,863	8,168	8,168
2008-2009	284	1,000,000	6,432,507	7,365,359	13,797,866	435,872,180	14,758	31,656
2009-2010	285	1,000,000	5,122,798	49,508	5,172,306	445,710,401	11,494	11,605
2010-2011	286	1,000,000	4,896,047	0	4,896,047	451,207,328	10,851	10,851
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	4,648,071	0	4,648,071	467,699,841	9,938	9,938
2013-2014	291	2,000,000	7,995,529	13,145,699	21,141,227	484,457,504	16,504	43,639
2014-2015	292	2,000,000	7,284,406	0	7,284,406	499,915,511	14,571	14,571
2015-2016	294	2,000,000	9,156,252	0	9,156,252	520,745,561	17,583	17,583
2016-2017	303	5,000,000	7,016,399	0	7,016,399	552,994,889	12,688	12,688
2017-2018	319	5,000,000	10,653,040	133	10,653,173	583,084,351	18,270	18,270
2018-2019	332	5,000,000	14,029,509	9,500,000	23,529,509	698,450,703	20,087	33,688
2019-2020	337	5,000,000	9,894,157	0	9,894,157	744,150,483	13,296	13,296
2020-2021	335	5,000,000	1,825,743	0	1,825,743	772,435,515	7,091	7,091

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

- Latest Policy Year's 'Losses Per \$1 Million of Payroll' have been annualized using 4 months data.

ACWA JPIA - LIABILITY PROGRAM
OCCURRENCES PER \$1 MILLION OF PAYROLLS REPORT
FOR MONTH ENDING 1/31/2021



PROGRAM YEAR (10/1)	NUMBER OF OCCUR	ACTUAL PAYROLLS	HISTORICAL INCREASE	INFLATION ADJUSTMENT FACTOR	INFLATION ADJUSTED PAYROLLS	# OF OCCURRENCES PER \$1 MILLION OF INFLATION ADJUSTED PAYROLLS
2006-2007	252	411,559,778	2.5%	1.321	543,516,637.47	0.46
2007-2008	228	436,649,863	4.3%	1.288	562,586,595.99	0.41
2008-2009	189	435,872,180	0.0%	1.235	538,432,039.73	0.35
2009-2010	198	445,710,401	0.0%	1.235	550,585,174.25	0.36
2010-2011	255	451,207,328	0.5%	1.235	557,375,517.06	0.46
2011-2012	181	459,712,593	3.5%	1.229	565,056,770.42	0.32
2012-2013	207	467,699,841	2.2%	1.188	555,434,120.50	0.37
2013-2014	199	484,457,504	1.3%	1.162	562,950,389.56	0.35
2014-2015	174	499,915,511	2.0%	1.147	573,457,984.20	0.30
2015-2016	210	520,745,561	1.0%	1.125	585,639,547.39	0.36
2016-2017	215	552,994,889	2.0%	1.113	615,750,202.56	0.35
2017-2018	180	583,084,351	2.9%	1.092	636,523,819.18	0.28
2018-2019	234	698,450,703	3.4%	1.061	740,975,175.34	0.32
2019-2020	252	744,150,483	2.6%	1.026	763,498,395.34	0.33
2020-2021	39	772,435,515	1.6%	1.000	772,435,515.46	0.15

- 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 4 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 CLAIMS (IN MILLIONS)
FOR MONTH ENDING 1/31/2021**

45

<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 SELF INSURED RETENTION 500,000					
045137	03/01/1983	Arvin-Edison Water Storage District	Flooding	Closed	3.1
037514	03/01/1983	Kern Delta Water District	Flooding as a result of canal bank break	Closed	0.6
TOTAL					3.7
POLICY YEAR 1984-1985 SELF INSURED RETENTION 500,000					
051301	12/01/1984	Ramona Municipal Water District	Reparian rights dispute over water storage in reservoir	Closed	0.8
052420	05/17/1985	Ramona Municipal Water District	Construction dispute with contractor	Closed	0.9
TOTAL					1.7
POLICY YEAR 1985-1986 SELF INSURED RETENTION 500,000					
040892	02/18/1986	American River Flood Control District	Flooding as a result of heavy rainfall	Closed	1.0
059596	04/01/1986	San Bernardino Valley Water Conservation District	City owned streets damaged by recharge operations	Closed	4.4
040275	03/01/1986	Westlands Water District	District's failure to provide tailwater drainage resulted in damage to crops	Closed	0.5
TOTAL					5.8
POLICY YEAR 1986-1987 SELF INSURED RETENTION 1,000,000					
063825	08/25/1987	Rancho California Water District	District groundwater pumping operations damaged property	Closed	4.7
TOTAL					4.7
POLICY YEAR 1987-1988 SELF INSURED RETENTION 500,000					
029044	07/28/1988	Desert Water Agency	Auto accident with 3 people seriously injured	Closed	1.4
047976	02/22/1988	Kern Delta Water District	Herbicide overspray damaged crops	Closed	1.0
067446	06/15/1988	Trabuco Canyon Water District	Negligent administration resulted in personal injury	Closed	0.9
TOTAL					3.4
POLICY YEAR 1988-1989 SELF INSURED RETENTION 500,000					
057674	10/01/1988	Fallbrook Public Utility District	Flooding as result of improper maintenance of valve	Closed	0.5
049235	08/09/1989	Friant Water Users Authority	Auto accident forced claimant vehicle into canal severe injury to driver	Closed	1.1
TOTAL					1.6
POLICY YEAR 1989-1990 SELF INSURED RETENTION 500,000					
001026	05/26/1990	Montecito Water District	Flooding as a result of diversion of rainfall runoff by District facilities	Closed	1.3
057798	03/01/1990	Rainbow Municipal Water District	District's failure to supply sewer service resulted in diminished property values	Closed	1.0
TOTAL					2.3

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLAIMS (IN MILLIONS)
FOR MONTH ENDING 1/31/2021**

46

<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 SELF INSURED RETENTION 500,000					
100586	02/25/1991	Elsinore Valley Municipal Water District	Flooding of vacant land as a result of water releases by District	Closed	0.6
100345	10/01/1990	Vandenberg Village Community Services District	Contaminated water	Closed	0.6
TOTAL					1.2
POLICY YEAR 1992-1993 SELF INSURED RETENTION 500,000					
101220	01/16/1993	Rancho California Water District	Flooding as a result of water main line break	Closed	0.6
100929	01/09/1993	Yorba Linda Water District	Flooding as a result of water main line break	Closed	1.2
TOTAL					1.9
POLICY YEAR 1993-1994 SELF INSURED RETENTION 500,000					
101883	08/29/1994	Alta Irrigation District	Seepage from District canal damaged orchards	Closed	2.0
101638	01/25/1994	North of the River Municipal Water District	Wrongful termination based upon age discrimination	Closed	0.7
TOTAL					2.6
POLICY YEAR 1994-1995 SELF INSURED RETENTION 500,000					
96-2270	08/25/1995	Association of California Water Agencies JPIA	Wrongful termination based upon alleged retaliation	Closed	5.4
102462	03/10/1995	Fresno Irrigation District	Flooding as a result of rainfall runoff backing up behind District canal banks	Closed	1.0
102170	04/10/1995	Kings River Conservation District	Flooding as a result of canal bank break	Closed	1.0
102729	03/30/1995	Las Virgenes Municipal Water District	Flooding as a result of water main line break caused by landslide	Closed	0.6
102314	06/10/1995	Madera Irrigation District	Seepage from canal damaged orchard	Closed	0.9
102240	05/17/1995	Walnut Valley Water District	Landslide allegedly caused by leaks from District main lines damaged homes	Closed	0.7
TOTAL					9.6
POLICY YEAR 1995-1996 SELF INSURED RETENTION 500,000					
102934	05/23/1996	Elsinore Valley Municipal Water District	Water pipe leak damaged sand reserve	Closed	4.8
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	1.5
97-3781	12/17/1995	Las Virgenes Municipal Water District	Wrongful termination based upon alleged racial discrimination and retaliation	Closed	0.7
TOTAL					7.0
POLICY YEAR 1996-1997 SELF INSURED RETENTION 500,000					
103075	01/26/1997	Crestline Village Water District	Flooding as a result of water main line break	Closed	0.7
TOTAL					0.7

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLAIMS (IN MILLIONS)
FOR MONTH ENDING 1/31/2021**

47

<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 SELF INSURED RETENTION 500,000					
99-1171	06/24/1998	Elsinore Valley Municipal Water District	Wrongful termination based upon alleged retaliation	Closed	0.6
103686	04/10/1998	Las Virgenes Municipal Water District	Landslide allegedly caused by leaks from District main lines damaged homes	Closed	2.4
103621	01/15/1998	Merced Irrigation District	Claimants allege District facilities contributing to flooding around their property	Closed	1.7
TOTAL					4.8
POLICY YEAR 1998-1999 SELF INSURED RETENTION 500,000					
00-1986	09/15/1999	Fresno Metropolitan Flood Control District	Auto accident with two serious injuries	Closed	0.9
99-1603	02/17/1999	Tahoe City Public Utility District	Sewer backup damaged restaurant and well	Closed	0.7
TOTAL					1.6
POLICY YEAR 1999-2000 SELF INSURED RETENTION 500,000					
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	1.0
TOTAL					1.0
POLICY YEAR 2001-2002 SELF INSURED RETENTION 500,000					
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	0.8
TOTAL					0.8
POLICY YEAR 2002-2003 SELF INSURED RETENTION 500,000					
03-4901	02/10/2003	Camrosa Water District	Flooding as a result of water main line break	Closed	0.6
04-5381	01/21/2003	Rainbow Municipal Water District	Wrongful termination as a result of alleged retaliation	Closed	0.6
TOTAL					1.2
POLICY YEAR 2003-2004 SELF INSURED RETENTION 500,000					
04-5607	10/09/2003	Citrus Heights Water District	Serious injury as a result of using District air bleed-off valve	Closed	3.1
TOTAL					3.1

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLAIMS (IN MILLIONS)
FOR MONTH ENDING 1/31/2021**

48

<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 SELF INSURED RETENTION 500,000					
06-7432	07/28/2005	Goleta Water District	Auto accident District driver hit bicyclist	Closed	0.9
06-7603	05/25/2005	Merced Irrigation District	A 4 year old boy fell into a District owned canal and drowned.	Closed	0.5
07-8252	09/11/2005	Palmdale Water District	Smith rendered quadriplegic as a result of auto accident at District job site.	Closed	0.5
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	0.5
05-7191	05/16/2005	South Coast Water District	Landslide allegedly caused by leaks from District main lines damaged homes	Closed	6.9
05-7225	05/26/2005	Tulare Irrigation District	Flooding as a result of a break in berr damaged private property	Closed	1.0
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	0.5
TOTAL					10.8
POLICY YEAR 2005-2006 SELF INSURED RETENTION 1,000,000					
06-8065	04/20/2006	Arvin-Edison Water Storage District	Flooding as a result of a break in berr damaged private property	Closed	0.8
06-8142	04/03/2006	Merced Irrigation District	Grimes canal broke during storm even and flooded numerous homes.	Closed	1.1
06-7929	12/09/2005	North Yuba Water District	Clmnt contends that he was wrongfully terminated from his job as District GM	Closed	1.0
06-8199	06/18/2006	Orchard Dale Water District	Flooding as a result of water main line break	Closed	0.5
13-0458	03/01/2006	Rancho California Water District	Contents soil contamination causing illness, etc.	Closed	0.5
06-7817	01/25/2006	Sweetwater Authority	Flooding as a result of water main line break	Closed	1.0
TOTAL					5.0
POLICY YEAR 2006-2007 SELF INSURED RETENTION 1,000,000					
09-0113	06/27/2007	Merced Irrigation District	Clmnt filed EPL claim with District in which he alleges racial discrimination and retaliation.	Closed	1.5
TOTAL					1.5
POLICY YEAR 2007-2008 SELF INSURED RETENTION 1,000,000					
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	1.0
TOTAL					1.0

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLAIMS (IN MILLIONS)
FOR MONTH ENDING 1/31/2021**

49

<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 SELF INSURED RETENTION 1,000,000					
09-0704	04/06/2009	Oakdale Irrigation District	District vehicle hit claimant in street	Closed	0.6
10-1108	08/20/2009	Walnut Valley Water District	Vehicle lost control and hit fire hydrant & light pole	Closed	0.9
09-0419	11/15/2008	Yorba Linda Water District	Houses damaged by fire. Allegations against the District is that there wasn't enough water pressure to fire hydrants.	Closed	8.4
TOTAL					9.9
POLICY YEAR 2009-2010 SELF INSURED RETENTION 1,000,000					
10-1565	02/25/2010	Merced Irrigation District	EPL claim	Closed	1.0
TOTAL					1.0
POLICY YEAR 2010-2011 SELF INSURED RETENTION 1,000,000					
12-0096	10/01/2010	Alta Irrigation District	Clmnt contends that water leaking from District canal damaged his vineyard, house and well.	Closed	0.9
TOTAL					0.9
POLICY YEAR 2011-2012 SELF INSURED RETENTION 2,000,000					
14-0046	07/01/2012	Central Basin Municipal Water District	Clmnt 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	0.7
12-0664	02/09/2012	Fallbrook Public Utility District	Main line break sent water into local high school	Closed	0.6
13-0251	08/13/2012	Rancho California Water District	Clmnt contends that the District misclassified his job as an Independent Contractor when he was really a District employee.	Closed	1.3
TOTAL					2.6
POLICY YEAR 2012-2013 SELF INSURED RETENTION 2,000,000					
13-0376	12/19/2012	Friant Water Authority	Claimant's husband stepped in front of oncoming District truck	Closed	0.8
TOTAL					0.8
POLICY YEAR 2013-2014 SELF INSURED RETENTION 2,000,000					
14-0227	10/15/2013	Santa Fe Irrigation District	8" main broke flooding homes	Closed	1.1
14-0779	05/19/2014	Semitropic Water Storage District	Herbicide drift	Closed	15.1
15-0301	05/15/2014	Vallecitos Water District	Claimants allege fire hydrants were not operational, which allowed homes to burn down during Cocos Fire.	Closed	0.5
TOTAL					16.8
POLICY YEAR 2014-2015 SELF INSURED RETENTION 2,000,000					
15-0394	12/12/2014	Corcoran Irrigation District	District vehicle attempted to make a U-turn in front of claimant vehicle	Closed	1.7
15-0245	10/16/2014	Santa Clarita Valley Water Agency	14" high pressure line broke sending water into claimants homes	Closed	0.9
TOTAL					2.6

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLAIMS (IN MILLIONS)
FOR MONTH ENDING 1/31/2021**

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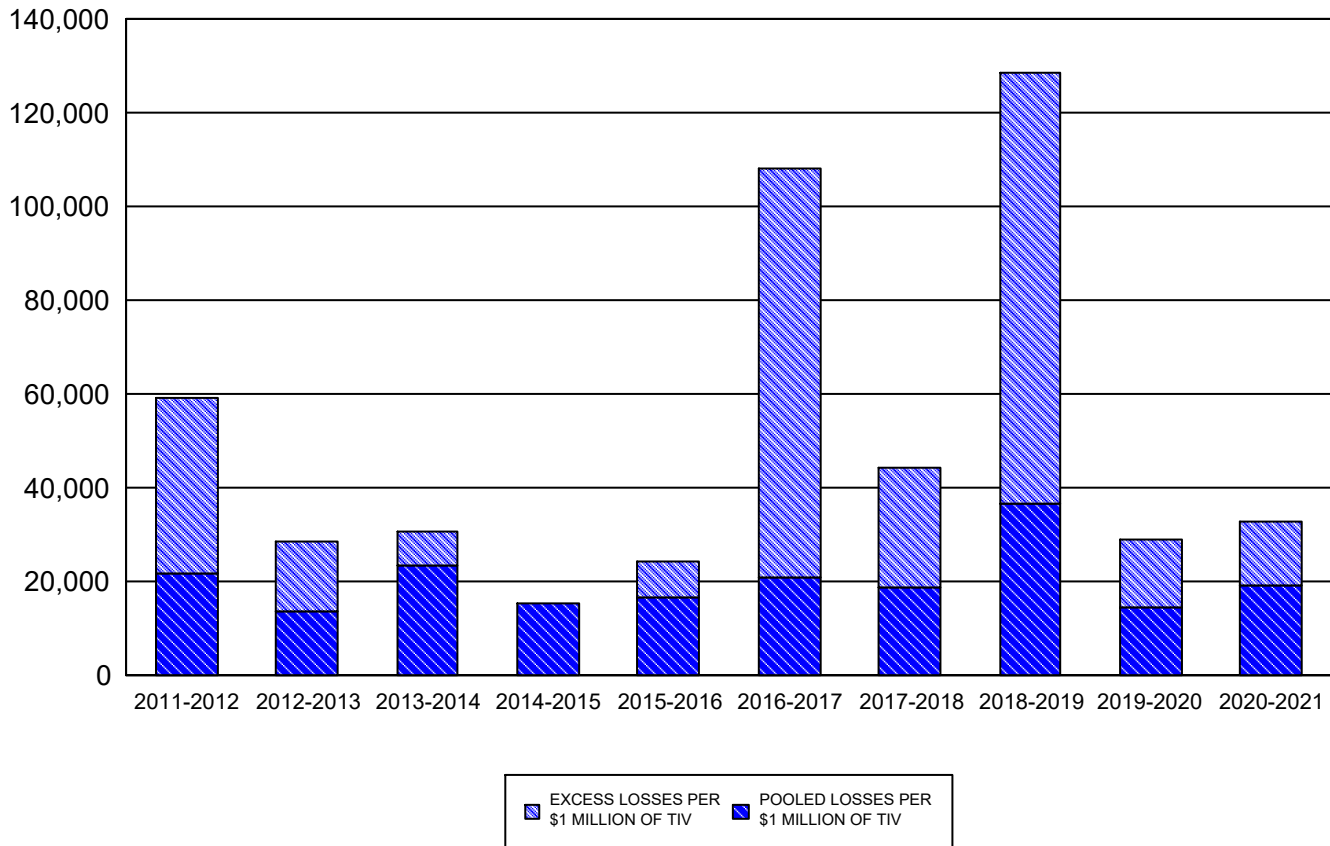
<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2015-2016		SELF INSURED RETENTION		2,000,000	
16-0661	04/04/2016	Fresno Irrigation District	Claimant alleges canal broke, flooding his almond orchard and created damages to trees and future crops.	Closed	1.2
16-0373	12/13/2015	Purissima Hills Water District	Water main break sending water into large basement living area.	Closed	1.6
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	0.7
17-0113	06/30/2016	Upper San Gabriel Valley Municipal Water District	Sexual Harassment	Closed	0.6
TOTAL					4.0
POLICY YEAR 2016-2017		SELF INSURED RETENTION		5,000,000	
17-0332	12/09/2016	Calleguas Municipal Water District	District line break sent water into claimant's home	Closed	0.6
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	1.2
17-0667	05/04/2017	Santa Clarita Valley Water Agency	District vehicle turned in front of claimant's oncoming vehicle	Closed	1.4
TOTAL					3.1
POLICY YEAR 2017-2018		SELF INSURED RETENTION		5,000,000	
18-0414	01/09/2018	Montecito Water District	Claimant alleges District's main break contributed to cause of mudslide, which caused fatalities and damages to 100+ structures	Open	5.0
19-0134	08/26/2018	Purissima Hills Water District	Water line broke and flooded claimant's landscaping and crawl space.	Open	0.7
TOTAL					5.7
POLICY YEAR 2018-2019		SELF INSURED RETENTION		5,000,000	
20-0017	07/02/2019	East Orange County Water District	Sewer backup into clmt's home caused by root intrusion into EOCWD sewer main.	Open	0.6
19-0686	04/21/2019	Foothill Municipal Water District	24" CMLC Transmission Main leaked undermining roadway	Open	0.5
19-0580	04/01/2019	Solano Irrigation District	Two teenage boys fatally electrocuted by SID catwalk while trying to save dog.	Open	14.5
19-0658	02/13/2019	Solano Irrigation District	Claimant contends farm flooded because District did not take out seasonal plate from ditch	Open	1.2
20-0173	09/01/2019	Sutter Extension Water District	SEWD's rock dam in Feather River failed causing water flow to damage clmt's creek bank and walnut orchard.	Open	1.1
TOTAL					17.8

**ACWA JPIA - LIABILITY PROGRAM
SIGNIFICANT LARGE CLAIMS (IN MILLIONS)
FOR MONTH ENDING 1/31/2021**

51

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>
POLICY YEAR 2019-2020 SELF INSURED RETENTION 5,000,000					
21-0206	09/17/2020	Desert Water Agency	District vehicle caught fire for unknown reasons and started Snow Fire	Open	1.1
21-0077	08/03/2020	Montecito Water District	District line break spilled water into sanitary sewer which then backed up into homes	Open	2.0
20-0458	12/19/2019	Sacramento Suburban Water District	Sonitrol EE tripped & fell while adjusting cameras and fell through skylight into pump room	Open	1.7
TOTAL					4.7
POLICY YEAR 2020-2021 SELF INSURED RETENTION 5,000,000					
21-0439	01/03/2021	Otay Water District	16" pvc pipe broke and caused extensive damage to asphalt road.	Open	0.8
TOTAL					0.8

ACWA JPIA - PROPERTY PROGRAM
REPORTED LOSSES PER \$100 MILLION OF INSURED VALUES
FOR MONTH ENDING 1/31/2021



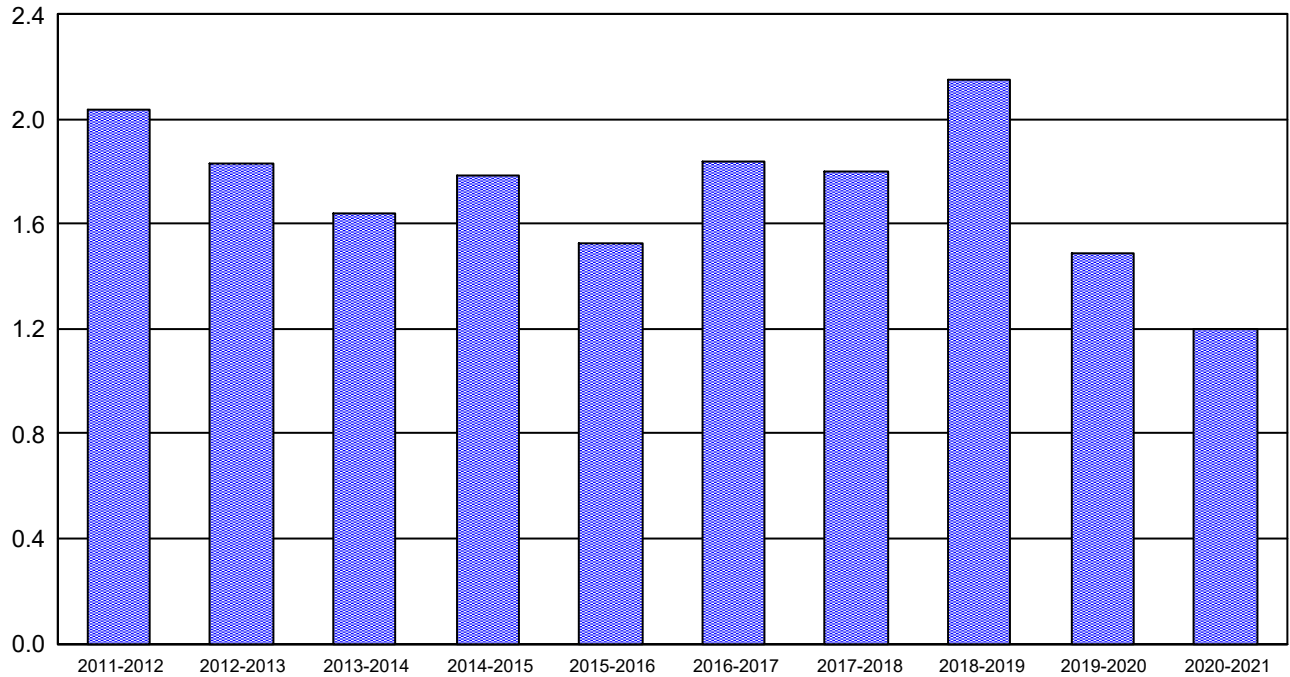
<u>POLICY YEAR (4/1)</u>	<u>TOTAL INSURED VALUES</u>	<u>SELF INSURED RETENTION</u>	<u>POOLED LOSSES</u>	<u>EXCESS LOSSES</u>	<u>INCURRED LOSSES</u>	<u>POOLED LOSSES PER \$100 MILLION OF VALUES</u>	<u>TOTAL LOSSES PER \$100 MILLION OF VALUES</u>
2006-2007	2,770,872,903	50,000	734,498	1,864,119	2,598,617	26,508	93,783
2007-2008	3,264,446,672	50,000	696,768	1,375,733	2,072,501	21,344	63,487
2008-2009	3,463,023,445	50,000	512,340	189,526	701,866	14,795	20,267
2009-2010	3,717,574,597	50,000	674,681	2,355,173	3,029,854	18,148	81,501
2010-2011	4,011,600,738	50,000	801,074	1,693,574	2,494,649	19,969	62,186
2011-2012	4,231,899,808	50,000	922,930	1,585,784	2,508,715	21,809	59,281
2012-2013	4,485,924,245	50,000	615,618	657,678	1,273,296	13,723	28,384
2013-2014	4,737,605,530	100,000	1,105,398	342,512	1,447,910	23,332	30,562
2014-2015	4,992,735,978	100,000	759,655	0	759,655	15,215	15,215
2015-2016	5,244,999,582	100,000	871,272	398,104	1,269,376	16,611	24,202
2016-2017	5,473,941,930	100,000	1,144,375	4,770,189	5,914,565	20,906	108,049
2017-2018	6,129,709,924	100,000	1,137,115	1,580,425	2,717,540	18,551	44,334
2018-2019	7,097,436,992	100,000	2,582,714	6,540,195	9,122,909	36,389	128,538
2019-2020	7,950,157,426	100,000	1,151,146	1,150,000	2,301,146	14,480	28,945
2020-2021	9,164,738,341	100,000	1,013,011	733,500	1,746,511	18,949	32,669

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

- Latest Policy Year's 'Losses Per \$100 Million of Values' has been annualized using 7 months data.

ACWA JPIA - PROPERTY PROGRAM
OCCURRENCES PER \$100 MILLION OF INSURED VALUES
FOR MONTH ENDING 1/31/2021

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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
2006-2007	90	2,770,872,903	3.30	1.322	3,663,727,024	2.4565
2007-2008	117	3,264,446,672	3.50	1.280	4,178,455,287	2.8001
2008-2009	79	3,463,023,445	0.00	1.237	4,282,735,593	1.8446
2009-2010	100	3,717,574,597	1.50	1.237	4,597,540,068	2.1751
2010-2011	86	4,011,600,738	3.00	1.218	4,887,845,742	1.7595
2011-2012	102	4,231,899,808	2.10	1.183	5,006,081,792	2.0375
2012-2013	95	4,485,924,245	1.30	1.159	5,197,431,297	1.8278
2013-2014	89	4,737,605,530	1.80	1.144	5,418,589,780	1.6425
2014-2015	100	4,992,735,978	1.00	1.124	5,609,423,108	1.7827
2015-2016	89	5,244,999,582	1.80	1.112	5,834,500,518	1.5254
2016-2017	110	5,473,941,930	2.90	1.093	5,981,507,240	1.8390
2017-2018	117	6,129,709,924	3.20	1.062	6,509,310,600	1.7974
2018-2019	157	7,097,436,992	0.00	1.029	7,303,262,665	2.1497
2019-2020	122	7,950,157,426	2.90	1.029	8,180,711,991	1.4913
2020-2021	64	9,164,738,341	1.70	1.000	9,164,738,341	1.1971

- 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 7 months data.

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

54

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</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	
POLICY YEAR 1987-1988					245,914	505,530
POLICY YEAR		1989-1990				
89011	07/14/1989	Central California Irrigation District	Fire destroyed building	Closed	100,259	
POLICY YEAR 1989-1990					100,259	292,058
POLICY YEAR		1991-1992				
91035	06/10/1991	Oakdale Irrigation District	Vandals damaged canal	Closed	85,250	
POLICY YEAR 1991-1992					85,250	237,995
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	
POLICY YEAR 1992-1993					483,833	687,046
POLICY YEAR		1995-1996				
95006	05/24/1995	San Diego County Water Authority	Mudslide damaged control room.	Closed	94,729	
POLICY YEAR 1995-1996					94,729	262,843
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 pane	Closed	127,265	
POLICY YEAR 1996-1997					392,518	591,187

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

55

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</u>
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 pane	Closed	89,851	
97035	08/31/1997	Reclamation District #108	Fire damaged building	Closed	263,928	
POLICY YEAR 1997-1998					533,798	1,067,247
POLICY YEAR 1998-1999						
99-1633	01/15/1999	Madera-Chowchilla Water and Power Authority	Hydro generator down	Closed	181,786	
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	
POLICY YEAR 1998-1999					507,478	959,743
POLICY YEAR 1999-2000						
99-1771	06/13/1999	Madera-Chowchilla Water and Power Authority	Hydro-electric plant turbine sustained damage of unknown origin.	Closed	155,095	
00-2212	12/29/1999	Rancho California Water District	Fire damaged building and contents	Closed	80,822	
POLICY YEAR 1999-2000					235,916	623,868
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	
POLICY YEAR 2000-2001					623,256	1,203,199

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

56

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</u>
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 and Power Authority	Plant shutdown - cause - unknown.	Closed	1,321,842	
POLICY YEAR 2002-2003					1,403,190	2,050,667
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	
POLICY YEAR 2003-2004					922,568	1,574,462
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	
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	
POLICY YEAR 2004-2005					767,198	1,292,556
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	
POLICY YEAR 2005-2006					546,297	918,173

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

57

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</u>
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 when two water supply lines ruptured	Closed	1,575,000	
POLICY YEAR 2006-2007					1,915,197	2,598,617
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	
POLICY YEAR 2007-2008					1,399,260	2,072,501
POLICY YEAR 2008-2009						
09-0508	10/01/2008	Merced Irrigation District	Rented boomlift rolled	Closed	98,959	
POLICY YEAR 2008-2009					98,959	701,866
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	
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 MVA transformer	Closed	1,032,000	
10-1650	03/12/2010	Mission Springs Water District	Employee embezzled funds.	Open	85,060	
10-1143	09/20/2009	West Basin Municipal Water District	Water damaged building due to pump failure	Closed	108,275	
POLICY YEAR 2009-2010					2,524,759	3,029,854

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

58

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</u>
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	
POLICY YEAR 2010-2011					1,762,294	2,494,649
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 @ LakeSuccess Turbine	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	
POLICY YEAR 2011-2012					1,753,186	2,508,715
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	
POLICY YEAR 2012-2013					715,409	1,273,296

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

59

<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</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	
POLICY YEAR 2013-2014					786,808	1,447,910
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	
POLICY YEAR 2014-2015					80,123	759,655
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	
POLICY YEAR 2015-2016					568,104	1,269,376
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	
17-0732	03/28/2017	South Coast Water District	District employee misappropriated cash received from District's tennis center.	Open	104,000	
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	
POLICY YEAR 2016-2017					5,219,663	5,914,565

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

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<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</u>
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.	Open	1,274,309	
18-0222	10/09/2017	Redwood Valley County Water District	Wildfire damaged District's Tomki Booster Pump Station	Closed	421,571	
POLICY YEAR 2017-2018					1,825,425	2,717,540
POLICY YEAR 2018-2019						
20-0075	02/13/2019	Calaveras Public Utility District	Storm damages to multiple locations	Open	115,000	
19-0083	07/27/2018	Clear Creek Community Services District	Carr Fire damaged treatment plant	Open	750,000	
18-0688	06/11/2018	Glenn-Colusa Irrigation District	Trailer carrying a backhoe fell off the road and overturned	Closed	116,577	
19-0384	11/05/2018	Laguna Beach County Water District	Engine caught fire on District truck	Open	85,000	
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	Open	150,000	
19-0464	02/03/2019	Montecito Water District	Heavy rainfall to areas damaged by th Thomas Fire (12/10/17) caused mud & debris flows onto MWD roads and damage to culvert.	Closed	531,060	
19-0300	11/08/2018	Paradise Irrigation District	Camp Fire	Open	5,343,261	
19-0646	06/25/2018	Rosedale-Rio Bravo Water Storage District	Employee embezzled money from RRBWSD from 1/22/15 - 6/19/18.	Open	80,875	
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	Open	111,000	
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	
POLICY YEAR 2018-2019					8,117,320	9,122,909

**ACWA JPIA - PROPERTY PROGRAM
SIGNIFICANT LARGE CLAIMS OVER \$75,000
FOR MONTH ENDING 1/31/2021**

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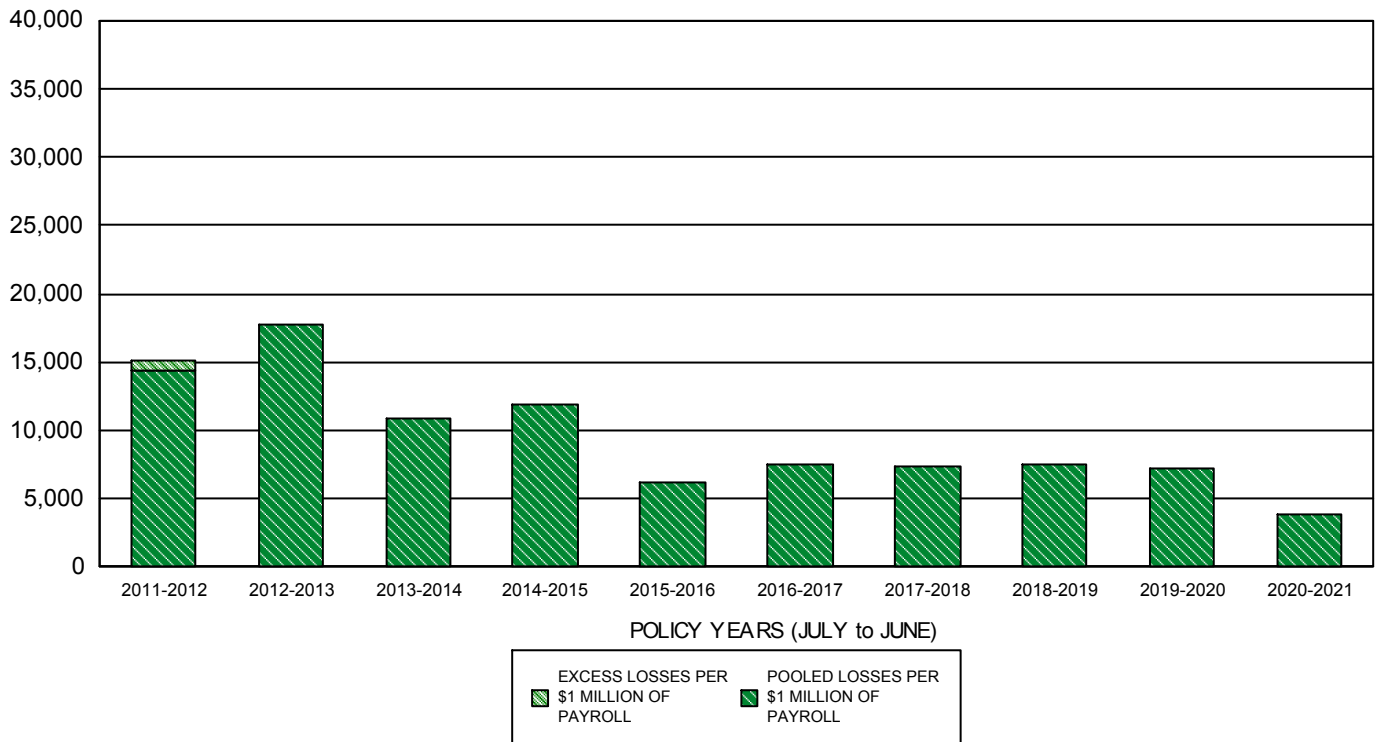
<u>CLAIM NUMBER</u>	<u>LOSS DATE</u>	<u>DISTRICT</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>LOSS AMOUNT</u>	<u>POLICY YEAR TOTAL</u>
POLICY YEAR 2019-2020						
21-0163	02/27/2020	Arvin-Edison Water Storage District	5,500 HP motor failed to start, when examined for repair, bobcat was found in the motor causing it to short and caused damage	Open	350,000	
20-0805	05/28/2020	Calleguas Municipal Water District	Following routine maintenance, motor smelled like it was burning and seized	Open	900,000	
21-0020	02/20/2020	Consolidated Irrigation District	Embezzlement of funds by EE	Open	240,000	
20-0556	12/20/2019	Elsinore Valley Municipal Water District	First Choice installed a coffee machine in maintenance shop - water leaked over weekend causing water damage to kitchen & 4 offices	Open	77,500	
POLICY YEAR 2019-2020					1,567,500	2,301,146
POLICY YEAR 2020-2021						
21-0210	09/21/2020	El Dorado Irrigation District	Broken part caused damages to generator also resulting in loss of revenue.	Open	105,000	
21-0222	09/11/2020	Humboldt Bay Municipal Water District	August Complex Fire damaged property	Open	100,000	
21-0188	09/02/2020	Reclamation District #1500	Pump sucked up tire while draining pump and bent fin on impeller.	Open	128,500	
21-0151	08/18/2020	Rural North Vacaville Water District	LNU Lightning Complex fire destroyed property	Open	400,000	
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.	Open	300,000	
21-0129	08/19/2020	Utica Water and Power Authority	Vehicle lost control and hit district's power pole and equipment that attaches to the PG&E grid.	Open	94,245	
POLICY YEAR 2020-2021					1,127,745	1,746,511
GRAND TOTAL					36,403,958	

ACWA JPIA - WORKERS' COMPENSATION PROGRAM

REPORTED LOSSES PER \$1 MILLION OF PAYROLL REPORT

FOR MONTH ENDING 1/31/2021

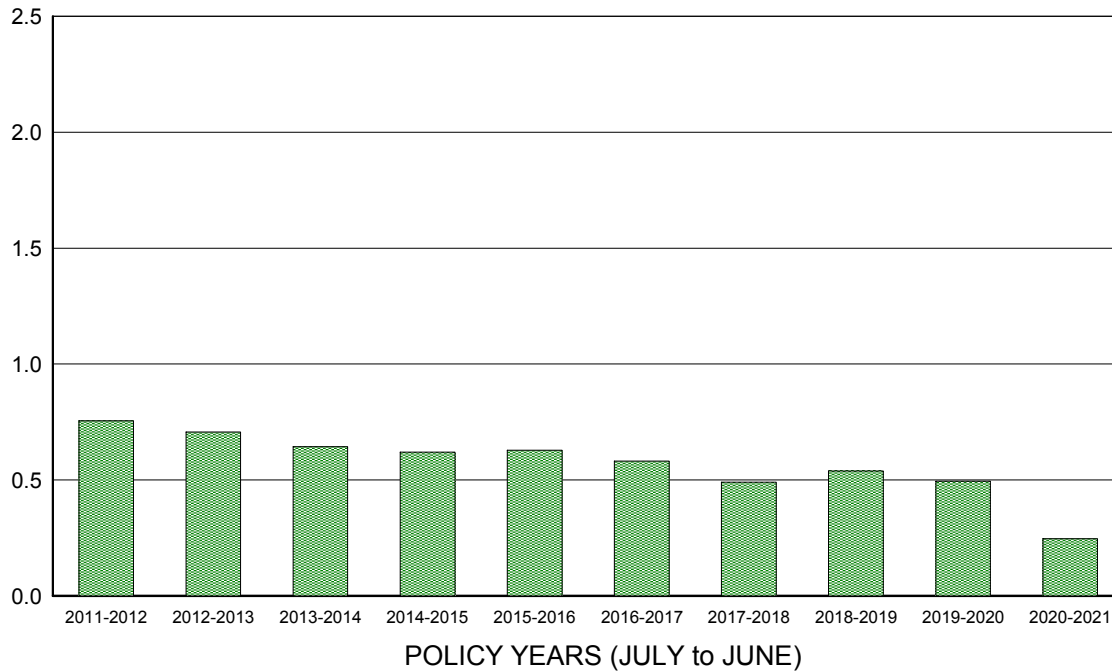
62



<u>PROGRAM YEAR (7/1)</u>	<u># OF MEMBERS</u>	<u>SELF INSURED RETENTION</u>	<u>POOLED LOSSES</u>	<u>EXCESS LOSSES</u>	<u>TOTAL LOSSES</u>	<u>ACTUAL PAYROLL</u>	<u>EXCESS LOSSES PER \$1 MILLION OF PAYROLL</u>	<u>TOTAL LOSSES PER \$1 MILLION OF PAYROLL</u>
2006-2007	152	2,000,000	2,077,947	0	2,077,947	334,631,058	0	6,210
2007-2008	152	2,000,000	4,583,132	0	4,583,132	383,018,244	0	11,966
2008-2009	151	2,000,000	7,295,226	14,217	7,309,443	378,180,537	38	19,328
2009-2010	154	2,000,000	4,855,509	0	4,855,509	387,355,399	0	12,535
2010-2011	161	2,000,000	5,053,009	0	5,053,009	397,385,704	0	12,716
2011-2012	165	2,000,000	5,879,974	292,073	6,172,046	407,655,190	716	15,140
2012-2013	171	2,000,000	7,581,253	0	7,581,253	428,168,461	0	17,706
2013-2014	177	2,000,000	4,846,095	0	4,846,095	445,374,309	0	10,881
2014-2015	175	2,000,000	5,365,198	0	5,365,198	453,070,613	0	11,842
2015-2016	180	2,000,000	2,947,750	0	2,947,750	471,930,942	0	6,246
2016-2017	186	2,000,000	3,775,205	0	3,775,205	503,252,089	0	7,502
2017-2018	187	2,000,000	3,821,916	0	3,821,916	521,232,750	0	7,332
2018-2019	193	2,000,000	4,278,178	0	4,278,178	565,936,990	0	7,559
2019-2020	197	2,000,000	4,578,118	0	4,578,118	634,017,701	0	7,221
2020-2021	200	2,000,000	1,512,520	0	1,512,520	678,356,233	0	3,822

- Latest Policy Year's 'Losses' include partial activity.
- Latest Policy Year's 'Losses Per \$1 Million of Payroll' have been annualized using 7 months data.

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



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
2006-2007	392	323,616,965	1.335	431,944,287	0.908
2007-2008	400	368,998,431	1.298	479,101,861	0.835
2008-2009	419	371,591,584	1.233	458,184,968	0.915
2009-2010	408	391,643,109	1.233	482,909,175	0.845
2010-2011	414	403,231,304	1.233	497,197,811	0.833
2011-2012	381	412,797,399	1.223	504,953,501	0.755
2012-2013	363	431,861,737	1.189	513,385,724	0.707
2013-2014	335	445,655,971	1.168	520,416,446	0.644
2014-2015	323	454,824,243	1.146	521,219,558	0.620
2015-2016	335	474,910,028	1.120	532,001,436	0.628
2016-2017	321	498,986,954	1.106	551,799,383	0.582
2017-2018	274	512,291,036	1.091	558,689,901	0.490
2018-2019	318	554,363,345	1.064	589,827,077	0.539
2019-2020	317	623,618,978	1.027	640,456,691	0.495
2020-2021	162	655,503,447	1.000	655,503,447	0.247

- 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 7 months data.
- Payrolls Adjusted for Inflation - CNP's Omitted.
- Factor based on CPI for West Coast from US Dept of Labor

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 1984-1985				
Helix Water District	96108536	stained shoulder	Closed	130,417.76
Valley Center Municipal Water District	96248517	slipped hurt both ankles	Closed	220,003.63
TOTALS				350,421.39
POLICY YEAR 1985-1986				
Helix Water District	96108611	valley fever	Closed	260,065.14
TOTALS				260,065.14
POLICY YEAR 1988-1989				
Helix Water District	96108916	herniated disc	Open	107,711.95
Western Municipal Water District	96268907	hands- applying pressure on ha	Closed	155,552.31
TOTALS				263,264.26
POLICY YEAR 1989-1990				
Mission Springs Water District	96089006	r. shoulder & back-strained du	Closed	132,131.43
Western Municipal Water District	96269002	back- removing meter box.	Closed	126,817.22
Yolo County Flood Control & Water Conservation District	96279002	sharp pain in neck-ee picking	Closed	107,393.16
TOTALS				366,341.81
POLICY YEAR 1990-1991				
Palo Verde Irrigation District	96349108	l. shoulder-muscle pulled	Closed	104,996.63
TOTALS				104,996.63
POLICY YEAR 1991-1992				
Browns Valley Irrigation District	96029203	injury climbing on stairs	Closed	152,157.23
San Diego County Water Authority	96189201	uppr back strain	Closed	241,616.72
Yolo County Flood Control & Water Conservation District	96279206	leg, hip and foot	Open	486,333.34
TOTALS				880,107.29
POLICY YEAR 1992-1993				
Butte Water District	96039301	lft thumb;amputated when his h	Closed	165,952.26
Reclamation District #108	96379301	low back strain	Closed	196,879.55
TOTALS				362,831.81

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 1994-1995				
Palo Verde Irrigation District	96349505	shldr - strn,sprn,dsloc-liftn	Closed	255,098.84
Paradise Irrigation District	01-3253	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	143,842.58
Walnut Valley Water District	96259503	low back/while working ee had	Closed	226,618.16
			TOTALS	625,559.58
POLICY YEAR 1995-1996				
Calaveras County Water District	83158	possible chemical expos	Open	216,177.09
Mission Springs Water District	09667	turning/water valve	Closed	100,646.18
Rancho California Water District	62037	lifting vault lid	Closed	128,348.57
San Diego County Water Authority	69669	pulling meter	Closed	132,128.68
Western Municipal Water District	09184	lifting a concret meter	Closed	100,576.84
			TOTALS	677,877.36
POLICY YEAR 1996-1997				
Oakdale Irrigation District	40940	cleaning trash fr gate	Closed	106,631.09
Paradise Irrigation District	18354	painting overhead	Open	196,569.79
Reclamation District #108	90522	boom fell	Open	683,778.02
Reclamation District #108	90525	picked up boom off co-wk	Open	114,138.28
Soquel Creek Water District	83351	using jackhammer	Open	124,649.39
Valley Center Municipal Water District	24013	open electrical panel	Open	266,601.93
Water Employee Services Authority	91769	tire blow out	Closed	131,738.51
			TOTALS	1,624,107.01
POLICY YEAR 1997-1998				
East Contra Costa Irrigation District	75977	twisted his right knee	Open	383,845.00
Humboldt Community Services District	38478	running wacker	Open	277,584.05
Rainbow Municipal Water District	54476	putting equipment back	Open	103,033.34
South Sutter Water District	49729	lifting spray tank	Open	240,270.76
Tahoe City Public Utility District	81104	situational stress	Closed	139,097.99
Walnut Valley Water District	75607	moving meter assembler	Open	102,183.80
Water Employee Services Authority	56277	loosening water valve	Open	139,708.22
			TOTALS	1,385,723.16

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 1998-1999				
Carmichael Water District	99-1569	pulled on chain on back of dumpster and right wrist popped.	Closed	106,837.37
Newhall County Water District	99-1639	alleges cumulative stress and strain of employment	Closed	146,277.45
Orange County Water District	99-1430	strained back while digging out a sprinkler.	Closed	113,924.13
San Diego County Water Authority	99-1408	strained back while opening barbed wire gate	Closed	163,550.89
South Coast Water District	99-1682	while working to repair a service break, diggin to expose the water main with a hand shovel. felt a pull in his back and became increasingly more painful.	Closed	134,541.58
South Coast Water District	99-1423	stuck an underground power line while digging with a pneumatic clay spade to create a clearance around a water line.	Closed	1,623,099.76
TOTALS				2,288,231.18
POLICY YEAR 1999-2000				
Merced Irrigation District	00-2265	twisted back while pushing concrete.	Open	825,731.46
Palo Verde Irrigation District	00-2205	cumulative trauma	Closed	165,800.24
Reclamation District #108	00-2543	lumbar strain caused when putting pads on crane.	Closed	161,288.46
Soquel Creek Water District	00-2373	alleged cumulative trauma	Closed	243,428.23
Trabuco Canyon Water District	00-1939	lifting a jack hammer out of a ditch, 4 1/2 feet deep, to ground level.	Closed	173,448.70
TOTALS				1,569,697.09

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2000-2001				
Consolidated Irrigation District	01-2685	motor vehicle accident	Closed	683,246.54
Fallbrook Public Utility District	01-2866	lifted oxygen tank off of mount of welding truck and felt pain in his back, right hip, and leg.	Closed	141,637.54
Montecito Water District	01-3286	lumbar strain caused when moving pipes.	Closed	197,172.26
Montecito Water District	01-3443	ct	Closed	126,439.20
Otay Water District	01-3444	hand and thumb pain caused from heavy typin and keying.	Closed	744,366.77
Otay Water District	01-3324	tingling sensation in right arm and wrist caused when operating a payment processing machine.	Closed	110,304.93
Otay Water District	01-2957	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	519,410.43
Palmdale Water District	01-2821	using district bathroom and black widow spide bit him on the left arm	Closed	1,269,807.75
Rancho California Water District	01-3309	pain in lower back and left leg caused when digging, driving, moving, that occurred over a three month period.	Closed	122,747.62
Scotts Valley Water District	01-3398	limited motion and pain to right shoulder area, the rotator cup that occurred when shoveling in the reclaim tank ditch.	Closed	142,323.45
Soquel Creek Water District	01-2811	alleged cumulative trauma	Closed	104,504.63
Tehama-Colusa Canal Authority	01-2978	pain in the groin area caused when moving hydro crane pushing block (hook) to secure it in place for transport.	Closed	120,984.21
Trabuco Canyon Water District	01-3393	neck, back, and lumbar strain that occurred when on a service call in a district owned vehicle he was rear-ended.	Closed	199,572.77
TOTALS				4,482,518.10

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2001-2002				
Amador Water Agency	02-3817	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	102,526.13
Central Basin Municipal Water District	02-3893	standing on ladder stepped down and experienced pain.	Closed	145,484.81
Coastside County Water District	02-4308	twisted left knee when shoveling rock.	Closed	143,487.41
Consolidated Irrigation District	02-4325	head, back, and ribs were injured when employee was driving a district vehicle, he was in an auto accident.	Closed	189,419.05
Desert Water Agency	02-4031	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	188,111.78
Elsinore Valley Municipal Water District	02-4233	while reading meters, twisted right knee	Closed	112,460.73
Humboldt Community Services District	02-3702	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	209,960.65
Municipal Water District of Orange County	02-4311	sprained right arm and side of neck caused while using the computer and the phone.	Closed	237,408.88
Orange County Water District	02-4126	superficial lacerations to back, shoulders, neck and arms caused when closing a rolling gate.	Open	138,828.96
Quartz Hill Water District	03-5027	continuous trauma	Closed	141,706.09
Riverview Water District	02-4161	low back, right lower extremities, (leg, ankle, feet) pains that occurred during the course of his job.	Closed	175,543.47
Santa Ynez River WCD Improvement District No. 1	02-3590	lumbar, right hip, and neck area were injured when employee was preparing to install a water service and meter when another employee was spraying the area with water for dust control the employee was shutting down the hose which diverted towards claimant.	Open	559,450.00
TOTALS				2,344,387.96

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2002-2003				
East Contra Costa Irrigation District	03-4916	employee suffers pain in both knees as a result of repetitive activities.	Closed	135,456.31
Merced Irrigation District	03-4725	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	196,509.47
Newhall County Water District	03-5131	employee strained lumbar in the course of either shoveling or pulling a hose out of mud.	Closed	354,567.49
Padre Dam Municipal Water District	03-4640	pain in right side of body, arm, leg and foot caused when shoveling dirt.	Closed	126,668.61
Rancho California Water District	03-4981	while lifting cement meter lids repeatedly, employee started to feel lower back pain.	Closed	114,188.45
Rancho California Water District	03-4792	lower back pain experienced while bending over to read meter	Closed	123,861.70
Reclamation District #108	03-5255	employee suffered shoulder strain as a result of lifting 20 lb chemical bottles.	Closed	145,923.63
San Gabriel County Water District	03-4714	tore, damaged tissue in left knee caused wher shoveling and squatting to put in a water service.	Closed	117,273.30
Yolo County Flood Control & Water Conservation District	03-5191	employee suffered a lumbar strain after slippin while stepping from board walk to cement. employee did not fall but twisted his back.	Closed	117,782.53
TOTALS				1,432,231.49

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2003-2004				
Calaveras County Water District	04-5911	employee injured his right wrist and elbow when he slipped and fell on some ice while performing an inspection.	Closed	165,882.79
Calleguas Municipal Water District	04-5357	employee suffers from whiplash as a result of being rear-ended while stopped at a traffic light in a district vehicle.	Closed	111,817.17
Helix Water District	04-5715	employee has swollen knees due to repeated climbing lake terrain	Closed	278,053.88
Orange County Water District	04-5761	strain to neck and middle back when employee got off dozer	Open	158,177.07
Otay Water District	04-5559	employee experienced pain and swelling in both hands and her fingers as a result of keyboarding.	Closed	103,789.98
Reclamation District #108	04-6231	burns to hands, arms face while trying to start pump	Open	207,628.27
San Diego County Water Authority	04-5924	injured left hand and fingers - while inspecting area employee made contact with blade of rotary fan. the fan guard had been removed.	Closed	120,189.05
San Juan Water District	04-5473	employee felt sharp pain in lower back when stepping on a shovel and rocking the handle side to side. employee also heard a pop.	Open	331,096.01
Santa Clarita Valley Water Agency	04-6041	employee injured his right knee when he stepped over a drain pipe and slipped.	Closed	155,061.86
Stockton-East Water District	04-5977	landed on buttocks when slipped and fell while pulling on a rope	Open	158,744.25
			TOTALS	1,790,440.33
POLICY YEAR 2004-2005				
Consolidated Irrigation District	05-6396	shoulder and back pain after travel to read wells	Closed	117,152.61
Elsinore Valley Municipal Water District	05-7207	asthma from cloud of sand blasting materials	Closed	401,551.64
Georgetown Divide Public Utility District	05-6750	lower left leg fracture after employee slipped off board	Open	142,750.63
Helix Water District	05-7142	right knee strain while standing on a ladder	Closed	146,249.41
Palmdale Water District	05-7240	left ankle, left shoulder, left arm, right knee and back strain after hose struck employee	Closed	166,982.65
Quartz Hill Water District	05-6897	dirt/rock in both ears while bending over pipe when loose piece of dirt fell on his head	Closed	358,412.64
San Luis & Delta-Mendota Water Authority	05-6707	strain to left shoulder, neck and spine after pouring concrete	Open	150,574.05
Sweetwater Authority	05-7255	right knee strain from climbing down ladder	Closed	144,675.20
Yolo County Flood Control & Water Conservation District	06-7427	strained middle and lower back when fell walking downhill.	Closed	345,749.00
			TOTALS	1,974,097.83

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2005-2006				
Orange County Water District	07-8605	back injury from repetitive sitting on bulldozer and heavy equipment	Closed	320,852.26
Orange County Water District	06-8222	death, possibly due to heart attack while sitting in truck.	Closed	191,450.65
South Sutter Water District	06-7447	back strain & spasms from using weed eater	Closed	308,585.41
Tahoe City Public Utility District	07-8553	strained lower back and tailbone from prolonged sitting at computer.	Closed	152,171.62
Valley County Water District	06-7635	strained thoracic and lumbar back regions while painting office walls.	Closed	304,659.32
			TOTALS	1,277,719.26
POLICY YEAR 2006-2007				
Walnut Valley Water District	09-0210	strained wrist performing job duties.	Closed	147,833.59
Western Municipal Water District	07-8338	electrical shock while operating backhoe when struck 12kv underground electric cable.	Closed	132,512.49
			TOTALS	280,346.08
POLICY YEAR 2007-2008				
Clear Creek Community Services District	08-9328	strained right shoulder moving broken concrete pieces by hand.	Closed	259,507.21
El Dorado Irrigation District	08-0028	strained neck when climbing a ladder to exit vault.	Open	550,938.63
Mammoth Community Water District	08-9423	abrasions on right hip and lower back when hit with backhoe.	Closed	225,343.81
Merced Irrigation District	08-9395	strained lower back when stepped in sewer cleanout that was uncovered.	Open	159,294.74
Merced Irrigation District	08-9761	strained lower middle back while moving kelly bar with anchors and anchor rod attached.	Closed	215,266.34
Rancho California Water District	08-9830	strained lower back when bent down to pick up meter box lid.	Open	581,899.23
Sweetwater Authority	08-9373	strained lower back while mixing cement in wheelbarrow.	Closed	159,006.80
Western Municipal Water District	09-0600	contracted valley fever while performing normal duties.	Open	525,178.51
Yolo County Flood Control & Water Conservation District	08-9474	broke right leg above ankle when fell off ladder while painting.	Closed	428,599.41
			TOTALS	3,105,034.68

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2008-2009				
Consolidated Irrigation District	09-0674	strained neck and right shoulder when grader stopped suddenly after running over stump.	Closed	390,133.41
Consolidated Irrigation District	09-0906	left ankle and bilateral legs when boot got tangled on mower door while trying to get off mower.	Closed	252,292.93
Crescenta Valley Water District	09-0782	strained lower back and ankle when lost balance and fell while inspecting work at reservoir.	Closed	193,800.33
Crescenta Valley Water District	09-0606	strained lower back and right sciatica while shoveling.	Closed	233,250.85
East Contra Costa Irrigation District	09-0819	strained right bicep while opening inline valve.	Closed	103,078.39
El Dorado Irrigation District	09-0159	strained right knee, cut right elbow when fell when climbing onto backhoe trailer when missed handle.	Closed	158,539.69
Elsinore Valley Municipal Water District	09-0877	strained bilateral arms, elbow and wrists from doing repetitive computer and lab work.	Closed	2,014,217.13
Laguna Beach County Water District	09-0655	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.	Open	339,609.44
Merced Irrigation District	09-0673	strained right shoulder while pulling boards out of the weirs to send water downstream.	Closed	470,054.17
Mesa Water District	09-0324	strained lower back and right shin when he stepped on a curb and fell while digging a hole	Closed	506,290.48
Patterson Irrigation District	10-1016	injured right hip and back, cause unknown.	Closed	165,066.39
Ramona Municipal Water District	09-0822	strained left shoulder and neck while tying backhoe to trailer when binder came loose jerking the arm back.	Closed	150,974.81
Western Municipal Water District	09-0582	back and neck injuries when veh hydroplaned, he lost control and struck ov.	Open	416,211.71
TOTALS				5,393,519.73

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2009-2010				
Antelope Valley-East Kern Water Agency	10-1719	strained left knee while walking on gravel.	Closed	259,838.03
Bella Vista Water District	10-1142	strained left knee while stepping off step.	Closed	166,626.17
Crescenta Valley Water District	10-1379	bruised left ribcage, hip and pelvis when slipped while descending ladder after filling vactor truck with diesel.	Closed	296,245.64
East Contra Costa Irrigation District	10-1730	injured rt elbow, left hip, back, shoulder and had difficulty breathing when fell while walking down stairs carrying a moss hook.	Closed	195,390.19
Elsinore Valley Municipal Water District	10-1407	strained neck and shoulder when backing dist truck when left rear tire left pavement and truck slide down slope then rolled.	Closed	134,328.06
Helix Water District	10-1697	bilateral knees and back from repetitive walking, climbing ladders, kneeling and squatting.	Closed	756,148.59
Orange County Water District	10-1396	bruised left hip and left shoulder when slipped and fell while reading water gauge in the rain.	Closed	125,404.71
San Luis Water District	10-1273	injured chest, back and right thigh when dump truck overturned because the load shifted.	Closed	107,064.84
Serrano Water District	10-1349	leg burns from using a cut off saw	Closed	102,707.21
South Coast Water District	10-1723	strained right shoulder and right upper arm while cleaning sewer line.	Closed	107,942.84
South Coast Water District	10-1647	strained left shoulder from jetting with large heavy storm drain nozzle.	Closed	140,541.63
Weaverville Community Services District	10-1055	strained right shoulder while installing conduit in limited access attic.	Closed	111,229.81
Yolo County Flood Control & Water Conservation District	10-1625	strained right foot and ankle when hopped down to get out of canal.	Closed	297,035.37
TOTALS				2,800,503.09

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2010-2011				
Beaumont-Cherry Valley Water District	11-0848	struck and killed by motor vehicle while marking water line in street.	Closed	149,240.77
Cucamonga Valley Water District	11-0833	repetitive injuries to neck, back, bilateral shoulders, knees, hips, legs and waist.	Closed	131,633.15
El Dorado Irrigation District	11-0718	strained right shoulder while pulling "shoe" from manhole.	Closed	253,156.09
Glenn-Colusa Irrigation District	11-0654	strained neck and back from repetitive operation of backhoe and other equipment.	Closed	149,039.07
Kern County Water Agency	11-0507	injury to neck, rt upper extremity and bilateral feet, cause unknown.	Closed	323,878.52
Merced Irrigation District	11-0104	left wrist and hand while spraying weeds when tripped and fell on driveway.	Open	235,917.15
Merced Irrigation District	11-0322	strained right knee while walking on uneven ground while performing work activity.	Closed	131,750.47
Mesa Water District	11-0481	injured while replacing gate chain rollers when struck by gate.	Closed	137,405.17
Mission Springs Water District	11-0437	strained lower back moving tamper.	Closed	447,237.40
Moulton Niguel Water District	11-0049	strained lower back while shoveling asphalt into truck.	Closed	223,349.61
Ramona Municipal Water District	11-0638	injured left knee in 1997 when stood up after kneeling on retaining wall.	Closed	116,776.23
Reclamation District #108	11-0789	unknown	Closed	153,477.68
South Feather Water and Power Agency	11-0037	ears (hearing), bilateral knees, pulmonary, cause unknown.	Closed	246,582.13
Walnut Valley Water District	11-0367	strained lower back while vacuuming a meter box.	Closed	121,606.46
TOTALS				2,821,049.90

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
WITH LOSS AMOUNTS OVER \$100,000
FOR MONTH ENDING 1/31/2021**

DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2011-2012				
Calaveras County Water District	12-0074	injured left hand while driving forklift when forklift tipped over.	Closed	2,292,072.88
Carpinteria Valley Water District	12-0488	strained bilateral hands, bilater wrists, forearm and rt shldr from repetitious job duties.	Closed	219,894.70
Desert Water Agency	12-0083	sprained lower back while tightening bolts on gate valve.	Open	163,822.78
Elsinore Valley Municipal Water District	12-0055	strained lower back and bruised tailbone when fell backwards after tagging a sprinkler.	Closed	149,787.06
Georgetown Divide Public Utility District	12-0232	injured right side and back when he stepped off roof and fell 8-10 feet to ground.	Open	142,135.35
Helix Water District	12-0484	strained left knee when slipped on debris on asphalt while hooking bag to crane.	Closed	100,291.42
Mission Springs Water District	12-0122	injured rt knee when slipped while climbing out of hole.	Open	385,536.42
Moulton Niguel Water District	12-0518	injured left foot, left arm and right leg when tripped on paper roll and fell into desk then floor.	Closed	108,689.92
Solano Irrigation District	12-0797	strained lower back and left hip when slipped while coming down ladder.	Closed	184,045.96
Stockton-East Water District	12-0193	strained back while moving sandbags.	Open	103,629.76
Sweetwater Authority	12-0682	strained right shoulder and neck when bathroom stall door fell off the hinges while client was exiting the stall.	Open	128,350.73
Tulare Irrigation District	12-0506	strained neck while constantly moving head to see behind equipment.	Open	150,524.06
Tulare Irrigation District	12-0295	injured bilateral knees and left wrist when fell while stepping off structure while measuring weir.	Open	475,350.96
TOTALS				4,604,132.00

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
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DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2012-2013				
Alta Irrigation District	13-0396	injured left hip and leg when dump truck flipped and rolled over after load of soil was dumped.	Closed	132,915.79
Bard Water District	13-0125	strained lower back while picking up barricade and loading into bucket.	Open	499,767.89
Berrenda Mesa Water District	13-0509	strained left knee while unloading valve off service truck when valve slipped.	Open	506,117.69
Central Basin Municipal Water District	13-0399	concussion when leg gave way while walking out of meeting and hit head against a wall.	Closed	371,078.92
East Contra Costa Irrigation District	13-0534	strained right knee when tripped over concrete while installing a new gate.	Open	257,760.22
El Toro Water District	13-0504	depressed, stressed, and has sleep disorder, cause unknown.	Closed	110,742.29
Las Virgenes Municipal Water District	14-0117	injured multiple body parts for uncertain reasons.	Open	213,892.97
Mammoth Community Water District	13-0128	ruptured right hamstring while digging dirt with shovel.	Closed	115,218.01
Mammoth Community Water District	14-0007	injured left hip while riding in golf cart over bumps and tree roots to an inspection site.	Closed	104,453.21
Merced Irrigation District	13-0195	strained lower back while lifting 5 gallon buckets out of back of pickup.	Closed	187,205.55
Merced Irrigation District	13-0092	lacerated top of head while operating bulldozer on uneven land when hit head on top of dozer.	Closed	168,904.05
Mesa Water District	14-0667	claiming ct hearing loss	Open	245,852.00
Paradise Irrigation District	13-0129	strained left shoulder from doing prep and installing asphalt	Closed	109,127.79
Paradise Irrigation District	13-0306	strained back and neck while turning off main control valve.	Closed	218,371.65
Patterson Irrigation District	13-0094	strained right shoulder while pulling starter cord on water pump.	Open	255,271.73
Ramona Municipal Water District	13-0629	strained knee performing normal duties.	Open	842,855.22
Stockton-East Water District	13-0454	dislocated right shoulder when slipped and fell while walking on wet concrete pads.	Closed	185,686.94
Sweetwater Authority	13-0206	strained neck, shoulders, upper extremities, elbows, wrists, hands and fingers while doing repetitive and cumulative work activities	Closed	112,953.06
Vallecitos Water District	13-0319	strained lower back while carrying two 55 lb buckets of chlorine.	Closed	487,729.64
Vallecitos Water District	13-0324	strained mid and lower back and shoulder while turning off 2" arms due to blow meter gasket.	Closed	179,997.86
Yolo County Flood Control & Water Conservation District	13-0067	strained lower back while adjusting fan belts when mount broke.	Closed	381,383.23
TOTALS				5,687,285.71

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
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DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2013-2014				
Banta Carbona Irrigation District	14-0615	strained mid back while spraying weeds from tractor when hit pothole in road.	Closed	174,039.55
Beaumont-Cherry Valley Water District	14-0141	sprained knee after twisting ankle and falling on rocks.	Closed	150,860.89
Crescenta Valley Water District	14-0286	incurred contusions to lower back, wrists, elbows and shoulders after tripping over boulders.	Closed	166,346.88
Desert Water Agency	14-0537	injured neck and upper body while passenger in head on mva.	Open	205,677.85
El Toro Water District	14-0692	strained left shoulder when sledge hammer came in contact with manhole cover.	Open	123,686.46
Elsinore Valley Municipal Water District	14-0718	sprained left knee while walking from wet gras to mud and slid.	Open	440,545.83
Helix Water District	14-0308	experienced ct to lft neck and shldr from daily work duties.	Closed	128,035.71
Las Virgenes Municipal Water District	14-0736	ct to lft foot from water meter reading.	Closed	128,145.94
Mammoth Community Water District	14-0311	strained left side of neck while lifting and lowering ice breaker into ice.	Closed	272,648.12
San Luis & Delta-Mendota Water Authority	14-0360	strained back while lifting a pipe w/shovel as lever.	Closed	392,105.29
San Luis Water District	14-0113	strained lower back while clearing tumbleweeds from canal.	Open	282,931.79
South Feather Water and Power Agency	14-0145	strained left shoulder while moving materials o of shelving.	Closed	146,966.75
Trabuco Canyon Water District	14-0486	strained back while boating on lake and boat flipped.	Open	102,657.50
Walnut Valley Water District	14-0519	ct to lft shldr, leg, foot, stress and sleep due to unknown.	Open	371,730.16
TOTALS				3,086,378.72

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
SIGNIFICANT LARGE CLAIMS
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DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2014-2015				
Alta Irrigation District	15-0310	injured back and body when dozer rolled over onto claimant.	Open	580,702.44
Clearlake Oaks County Water District	15-0395	injured left leg, arm, shoulder, and back while at desk and tripped and fell to floor.	Open	343,920.81
El Dorado Irrigation District	15-0670	strained lft leg and back while walking and fell in hole.	Closed	111,314.34
El Toro Water District	15-0760	ct to neck, lft hand, fingers and arm from job duties.	Open	239,104.06
Glenn-Colusa Irrigation District	16-0303	exposed lungs while cleaning and picking up trash.	Closed	116,851.29
Goleta Water District	15-0223	experiencing ct to lft hand-thumb area, soreness, numbness, pain.	Open	121,450.29
Kaweah Delta Water Conservator District	15-0722	strained lower back and legs climbing up onto dozer and fell backwards.	Open	279,351.64
Mission Springs Water District	15-0386	strained lower back and left leg exercising valve to close and valve broke.	Closed	107,554.45
Palmdale Water District	15-0268	laceration w/possible partial dislocation of righ thumb while loading trucks when tonneau cove came down on hand.	Closed	206,288.85
Palmdale Water District	15-0553	strained right hip while pulling sample station can when twisted to set it down.	Open	512,351.63
Solano Irrigation District	15-0029	sprained lft knee stepping off weir structure; heard "pop".	Open	176,280.78
Sweetwater Authority	15-0112	alleges numbness in rt finger tips and pain from upper to lower shldr.	Closed	126,431.53
			TOTALS	2,921,602.11
POLICY YEAR 2015-2016				
Goleta Water District	16-0760	strained wrists and knees changing meters.	Open	123,864.96
Goleta Water District	16-0196	strained lft shldr pulling tape off box with hands.	Closed	114,003.53
Helix Water District	16-0293	strained lower back getting gas can out of truck and fell back onto fin form.	Open	149,037.79
Laguna Beach County Water District	16-0207	sprained ankle and knee stepping in hole/ uneven terrain.	Open	182,690.32
San Juan Water District	16-0447	strained lower back twisting to turn valve key.	Open	273,539.08
Santa Clarita Valley Water Agency	16-0247	fractured lft ankle walking on loose gravel and slipped.	Open	192,413.25
Solano Irrigation District	16-0401	broken teeth, burned, and corneal abrasion standing above fire and fire exploded.	Open	102,001.66
Trabuco Canyon Water District	16-0263	ct cervical radiculopathy and carpal tunnel due to unknown.	Open	157,775.44
Vallecitos Water District	16-0423	fractured jaw when strap holding motor adapte broke, striking claimant.	Open	121,000.00
			TOTALS	1,416,326.03

**ACWA JPIA - WORKERS' COMPENSATION PROGRAM
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DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2016-2017				
Berrenda Mesa Water District	17-0071	injured head, chin and shoulder when fell in parking lot.	Closed	184,355.33
Desert Water Agency	17-0221	strained lft knee getting into truck.	Open	119,991.44
Kern County Water Agency	17-0179	sprained lumbar and right knee working while working in manlift basket.	Open	288,165.18
Mojave Public Utility District	17-0392	strained lower back, bilateral shoulders and neck when stepped back and fell over telephone pole.	Closed	100,766.66
Palmdale Water District	17-0154	strained lft knee stepping out of vehicle into hole and fell.	Closed	117,336.79
San Juan Water District	17-0213	working over the years, popping and pain to both knees.	Open	145,734.72
Sweetwater Authority	17-0132	strained right thumb while keyboarding.	Closed	100,570.84
Water Employee Services Authority	17-0065	strained rt shldr cleaning sewer system; hit by hose and fell.	Closed	102,803.28
Yuba County Water Agency	17-0674	crushed leg and ribs while mowing in skid steer and rolled down embankment.	Open	741,737.10
TOTALS				1,901,461.34
POLICY YEAR 2017-2018				
Calleguas Municipal Water District	18-0063	ruptured right bicep while lifting a box of material onto forklift.	Open	202,233.00
Carpinteria Valley Water District	18-0446	sprained bilateral wrists and cervical spine when tripped over decorative rock and fell while assisting another employee operate a valve and hydrant.	Open	154,783.64
Carpinteria Valley Water District	18-0553	strained lower back and left gluteus while pulling whacker into trench.	Open	186,463.05
Corcoran Irrigation District	18-0350	burned lower extremity cleaning up sulfuric acid and fell in hole with sulfuric acid.	Closed	237,778.87
Desert Water Agency	18-0126	claimant felt pain in right arm and shoulder when he reached for a top cross bar after backfilling a leak	Open	108,005.85
Fair Oaks Water District	18-0656	strained neck and shoulders repetitive work at desk.	Open	190,598.60
Goleta Water District	18-0594	strained bilateral knees from years of repetitive work.	Open	106,035.51
Kings River Conservation District	18-0548	strained right knee when stepped between two limbs while cutting up fallen trees.	Open	142,331.70
Santa Clarita Valley Water Agency	18-0280	strain to left hip/upper leg area while climbing 30 foot ladder in effluent vault	Open	168,614.42
Soquel Creek Water District	18-0107	claimant indicated strained right knee while sitting at desk	Open	136,635.34
Tulare Irrigation District	18-0521	contusion to lower back, rear end and left leg when metal deck moved and claimant fell between riser and deck.	Open	281,949.00
TOTALS				1,915,428.98

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DISTRICT	CLAIM NUMBER	DESCRIPTION	STATUS	LOSS AMOUNT
POLICY YEAR 2018-2019				
Amador Water Agency	19-0579	dislocated hip when atv rolled over onto claimant.	Open	223,092.80
Browns Valley Irrigation District	19-0077	strained right shoulder opening irrigation valve	Open	128,400.05
Glenn-Colusa Irrigation District	19-0668	strained mid back when backing up dump truck and tire went into culvert causing truck to roll of its side.	Open	135,529.00
Orange County Water District	19-0245	broke left leg when claimant jumped over 2 foot wall and fell.	Open	142,975.33
Sutter Extension Water District	19-0636	fractured hands, ribs, ts; abdomen and knees while driving backhoe collided with semi truck.	Open	270,270.32
Sweetwater Authority	19-0380	strained left wrist while kneeling down and putting weight on wrists to hand tools to coworker.	Open	189,268.08
Vista Irrigation District	19-0501	strained neck and right arm while pulling valve lids with steel bar, later that day hit head on door jam.	Open	189,939.04
Water Employee Services Authority	19-0381	strained low back while replacing broken water meter boxes.	Open	161,497.12
TOTALS				1,440,971.74
POLICY YEAR 2019-2020				
Browns Valley Irrigation District	20-0574	strained right shoulder lifting culvert pipe.	Open	111,105.70
Carmichael Water District	20-0447	broke left arm and broke right elbow after delivering board packet to director fell walking back to car.	Open	191,276.28
Crescenta Valley Water District	20-0250	strained lower back while replacing battery on electrical generator.	Open	123,344.26
Helix Water District	20-0067	strained right shoulder while using a ratchet binder to tie down tractor.	Open	321,861.68
Humboldt Bay Municipal Water District	20-0119	strained neck while pulling self and occupant in cable car.	Open	111,513.36
Laguna Beach County Water District	20-0345	strained right knee while stepping out of truck.	Open	104,112.64
Las Virgenes Municipal Water District	20-0204	stressed due to prolonged and persistent sexual harassment by supervisor.	Open	178,769.26
Montecito Water District	20-0172	strained right bicep/shoulder while rolling a medium size rock into bucket of 410 backhoe.	Open	101,164.53
Panoche Water District	20-0177	strained low back and legs while walking through tall grass stepped in a hole and fell backwards.	Open	152,549.68
Scotts Valley Water District	20-0328	strained lower back while performing meter change in ground meter box.	Open	139,251.00
Sweetwater Authority	20-0483	strained low back while bending over and moving traffic cones.	Open	122,910.40
Tulare Irrigation District	20-0374	fx'd left ankle when fell off 2x4 while measuring the top of a control box.	Open	119,253.28
TOTALS				1,777,112.07

ACWA JPIA
Training Update
February 9, 2021

BACKGROUND

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

CURRENT SITUATION

As the state began to shut down in March, JPIA training was impacted dramatically. Of course, in-person classes came to a halt, with zero classes offered when usually an average of 40 classes per month would be taught throughout the spring. With employees sequestered at home, the need for online learning skyrocketed and that was represented in the JPIA statistics. Classes completed on the TargetSolutions platform rose from an average of less than 2,000 per month to almost over 4,000 in March and almost 8,000 in April. Similarly, the viewing of JPIA recorded webinars shot up in March and April, with April reaching an all-time high level.

As things began to open a bit and districts saw some if not all staff return to the workplace, the demand diminished from its high levels, but not completely. The following graphs tell the story of how the online learning options were still in demand, especially the live webinar training and events.

The JPIA is well-positioned to meet the changing demands in learning, even in a pandemic, because of ongoing investments made in varying learning modalities over the years. The JPIA has partnered with additional vendors to purchase needed online options and has expanded virtual offerings via live, instructor-led courses. The current situation forced everyone to move things online; and will undoubtedly direct our efforts as we look at how to interact, meet, and train in the future.

RECOMMENDATION

None, informational only.

Training Trends Fiscal Year 2017/18 through 2019/20

