

ACWA JPIA 2024-2025 Risk Control Grant Program Recipients



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

Cachuma Operation and Maintenance Board (COMB) - Enhanced Structure Safety System

This project aligns with JPIA's *Commitment to Excellence Program (C2E)* by proactively addressing workplace safety hazards and improving operational efficiency. By implementing the Five-Piece Hoist System and Lower Mast Extension, COMB is investing in risk management solutions to enhance employee safety, reduce injury risk, and improve confined-space entry procedures. By applying **substitution and engineering controls**, this initiative reinforces the *C2E's Falls Prevention* best management practices.

Citrus Heights Water District – Six Types of Working Genius Workshop

Citrus Heights Water District plans to implement a “*Six Types of Working Genius*” workshop hosted by a Working Genius Master Facilitator that will assist with structured training to proactively address workplace communication challenges, role alignment, and organizational cohesion. This initiative will apply **administrative controls** to strengthen employee engagement, leadership effectiveness, and team collaboration. These best practices help mitigate risks related to employee dissatisfaction, turnover, and workplace conflict, fostering a positive, inclusive work culture that enhances productivity and service reliability. This initiative directly supports the JPIA's *C2E Employment Practices: Staff Development* loss reduction focus area.

Clear Creek Community Services District - Walk Behind Concrete Saw

Clear Creek Community Services District is replacing their current concrete saw with a walk-behind concrete saw to mitigate ergonomic challenges when cutting roadway asphalt during leak repairs. The new walk-behind saw would improve the operator's control over the equipment and their posture during operation, minimizing ergonomic risks, and improving operational efficiency. By implementing this **substitution control**, the District demonstrates a proactive commitment to loss prevention, in line with JPIA's risk reduction initiatives. This project aligns with JPIA's *C2E Ergonomics* best management practices and enhances worker safety.

Fall River Valley Community Services District – Pipe Locating Equipment

Fall River Valley Community Services District plans to upgrade advanced portable electronic pipe locating equipment with integrated GPS. This initiative aims to replace older mapping methods and manual potholing, thus reducing underground line strikes by enhancing the accuracy and speed of pipeline detection. By integrating modern technology, the improved

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pipe locating equipment are **substitution and engineering controls**, through the elimination of traditional potholing. This project aligns with JPIA's *C2E Infrastructure: Inspection Maintenance* best management practices.

Humboldt Bay Municipal Water District – Emergency Vehicle Upgrades and Response Planning

Humboldt Bay Municipal Water District is enhancing fleet safety lighting to improve worker visibility and reduce the risk of roadside incidents. By integrating **engineering and administrative controls**, the District will upgrade vehicle safety features and implement Standard Operating Procedures (SOPs). This initiative strengthens employee safety, reduces exposure risks, and enhances overall operational resilience. This project directly supports the *C2E Construction: Temporary Traffic Control* best management practices.

Rancho California Water District – Security Camera Installation for Critical Infrastructure Project

By integrating high-definition security cameras and real-time monitoring, the District proactively enhances security and resilience within its critical infrastructure. This initiative will help safeguard its water facilities from theft, vandalism, and unauthorized access while mitigating operational risks. This supports the *C2E Infrastructure* loss reduction focus area. The District plans to enhance the effectiveness, long-term reliability, and sustainability of its water delivery system by implementing **engineering controls**. This directly supports the *C2E's Infrastructure Program's Theft/Vandalism* best management practices.

San Juan Water District – Bacon Pump Station Fence Project

San Juan Water District is installing anti-climb security fencing around the Bacon Pump Station and backup generators to mitigate risks associated with theft and vandalism. By securing these assets, the District proactively reduces the likelihood of costly repairs, service disruptions, and third-party liability and property losses. Applying **engineering and administrative controls**, this project aligns with *C2E Infrastructure* loss reduction focus area.

Stockton East Water District – Portable Weld Fume Extractor for Hot Work

Stockton East Water District is implementing a Portable Weld Fume Extractor to enhance worker safety by controlling airborne contaminants and reducing the risk of toxic exposure, heat stress, and fire hazards during hot work. This proactive approach integrates *C2E's* best practices by utilizing **engineering controls** to mitigate workplace risks and improve and promote a safer work environment. By investing in innovative ventilation solutions, the District demonstrates its commitment to reducing claims, enhancing operational efficiency, and fostering a culture of safety excellence in alignment with JPIA's *Infrastructure* focus area.

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Truckee Donner PUD – Unified Preparedness Project

Truckee Donner PUD is implementing Incident Command System (ICS) principles to enhance its Emergency Operations Center (EOC) capabilities. This initiative enhances the District's capacity to mitigate risks associated with natural disasters and service disruptions. The project will apply **administrative controls** to improve situational awareness, interdepartmental coordination, and response efficiency. Through continuous training, updated emergency response plans, and standardized communication protocols, this project demonstrates a measurable commitment to risk reduction, loss prevention, and long-term sustainability. The District is in alignment with *C2E's Emergency Preparedness* best management practices in safeguarding the District and its community.

Utica Water and Power Authority – Murphy's Forebay Trash Rack Replacement

Utica Water and Power Authority identified potential operational hazards and is applying **engineering controls** by replacing manual debris removal with an automated trash rake system. Supporting the *C2E's Ergonomics: Ergonomic Operations Equipment* focus area, the project will enhance operational efficiencies, mitigate hazardous exposures, and minimize the risk of injuries and fatigue.

Vista Irrigation District – Large Vehicle Cameras

Vista Irrigation District is retrofitting their larger vehicles with rear and side-mounted cameras to enhance visibility, reducing the likelihood of backing accidents and blind spot collisions. By integrating these camera systems into the District's fleet, this **engineering control** directly aligns with JPIA's *C2E Vehicle Operations* loss reduction focus area.

Yuima Municipal Water District – Operation Vehicle Safety

Yuima Municipal Water District is upgrading six of its service trucks by installing emergency strobes and high-power work lighting to enhance visibility and reduce the risk of vehicle-related accidents and injuries. These improvements align with the C2E's emphasis on proactive loss prevention strategies, which involve mitigating roadway hazards, enhancing nighttime work safety, and ensuring compliance through the implementation of **engineering** and **administrative controls**. This project aligns *C2E's Vehicle Operations* best management practices.