

# Audit Summary

## Randall Bold Water Treatment Plant

### Oakley, California

### Accident History:

The facility has not had an incident related to the regulated CalARP materials in the last five years.

## Introduction

Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) conducted a comprehensive audit/inspection of the policies, and procedures developed by Randall Bold Water Treatment Plant (Randall Bold) located at 3760 Neroly Road in Oakley. This audit, conducted in the summer of 2018, was performed to assess compliance with the California Accidental Release Prevention (CalARP) Program. The CalARP program requires the development of prevention programs such as maintenance, operating procedures, contractor safety, personnel training, incident investigations, and understanding hazards at the plant. The inspection also examines the management systems in place to implement these programs and the plant's emergency response program to make sure that the plant is prepared to respond to an emergency involving a hazardous chemical.

During the CalARP audit for a facility like Randall Bold, CCHSHMP reviews individual safety programs through answering up to 238 questions. The CCHSHMP 2018 CalARP audit at Randall Bold resulted in 16 corrective actions for Randall Bold to implement, and roughly 11 other items that are not required, but may assist in improving accident prevention.

*Based on our audit/inspection, many of the prevention programs generally met the regulatory requirements. Select prevention programs are identified to need improvement in order to meet the regulatory requirements. Identified below are some notable issues found, both good and bad.*

## Notable Items:

- **Management:** Overall the management system at Randall Bold has been very good despite turnover in key safety positions. There were a few gaps identified by CCHSHMP which were already identified by Randall Bold. The facility had developed a plan to close the gaps and needs to ensure they follow through with the plan
- **Self-Audit:** Compliance audits for the chlorine and ammonia systems were not conducted at least every three years.
- **Contractor Safety:** Periodic evaluations of contractors must be completed by Randall Bold.
- **Training:** Operators of the chlorine and ammonia processes receive adequate training on how to operate the processes.
- **Maintenance:** Documentation of inspections and tests on the chlorine and ammonia systems must be developed and maintained.
- **Process/Equipment Safety Information:** The P&IDs for the chlorine and ammonia processes need to be revised to accurately reflect the existing process.
- **Hazard Analysis:** The ammonia system PHA has not been revalidated within the 5-year requirement.
- **Operating Procedures:** Operating procedures for both the chlorine and ammonia systems are in place.
- **Safe Work Programs:** Randall Bold maintains robust programs for managing hot work and lockout/tagout.



## Additional Information

To review the complete safety audit report, visit the Oakley Library at 1050 Neroly Rd, Oakley, CA 94561 or call 925-335-3200 for an appointment to view the report at CCHSHM

For more information, questions, or comments regarding this facility or audit, please send an email to [Hazmat.ARPteam@cchealth.org](mailto:Hazmat.ARPteam@cchealth.org)



HAZARDOUS MATERIALS PROGRAMS

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