

Audit Summary

Pittsburg Water Treatment Plant

Pittsburg, California

Accident History:

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

Introduction

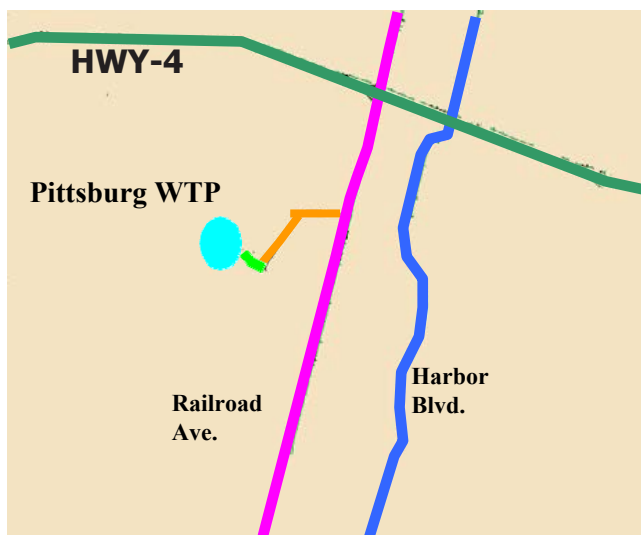
Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) conducted a comprehensive audit/inspection of the policies, and procedures developed by City of Pittsburg Water Treatment Plant (PWTP) located at 300 Olympia Dr in Pittsburg. This audit, conducted in the summer of 2017, was performed 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 a comprehensive CalARP audit for a facility like PWTP, CCHSHMP reviews individual safety programs through answering up to 235 questions. The CCHSHMP 2017 CalARP audit at PWTP resulted in 6 corrective actions for PWTP to implement, and roughly 14 other items that are not required, but may assist in 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:

- **Lockout Tagout:** The facility has developed a well written lockout policy however they need to consistently complete LOTO documentation anytime they performed work on the covered process.
- **Changes in Process and Equipment:** The facility needs to prepare an MOC for all changes and ensure training is given to all affected employees prior to the change.
- **Contractor Safety:** PWTP's Contractors program generally met all the CalARP requirements but may be improved by implementing additional documentation practices and policy updates with regards to contractor training.
- **Training:** Although operations personnel have an adequate training program, training on all relevant operating procedures at PWTP was not adequately documented.
- **Maintenance:** An effective and well documented maintenance program has been established onsite.
- **Process Hazard Analysis:** The facility has completed the PHA in a timely manner, there were several considers to review the quality and the one action item to communicate the findings to all employees.



Additional Information

To review the complete safety audit report, visit the Pittsburg Library at 80 Power Ave, Pittsburg, CA 94565 or call 925-335-3200 for an appointment to view the report at CCHMP's office.

For more information, questions, or comments regarding this facility or audit, please send an email to Hazmat.Arpteam@cchealth.org

