

Audit Summary

City of 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

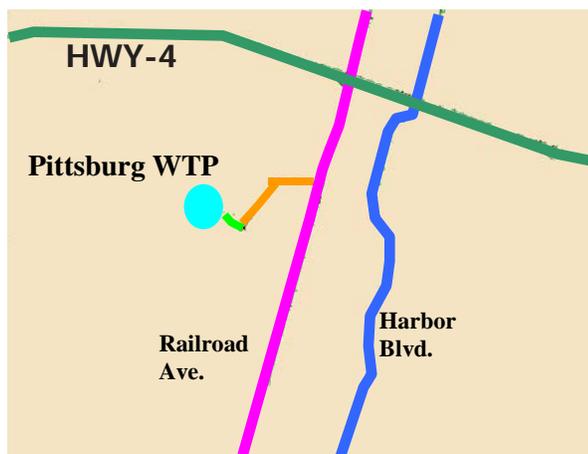
Contra Costa Hazardous Materials Programs (CCHMP) conducted a comprehensive audit/inspection of the policies, and procedures developed by the City of Pittsburg Water Treatment Plant (PWTP) located at 300 Olympia Drive, Pittsburg. This audit, conducted in November of 2011, was performed to assess compliance 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, CCHMP reviews individual safety programs through answering up to 336 questions. The CCHMP 2011 CalARP audit at PWTP resulted in 30 corrective actions for PWTP to implement, and roughly 19 other items that are not required, but may assist in accident prevention.

Based on our audit/inspection, many of the prevention programs did not meet the regulatory requirements. Identified below are some notable issues found, both good and bad.

Notable Items:

- **Training:** Information and training is generally provided; however, a training program was needed to be put in place to provide refresher training for operating procedures, and to provide maintenance staff training on the process equipment and an overview of the process.
- **Hazard Analysis:** Process Hazard Analysis (PHA's) was completed and safeguards are in place, but the facility needs to include a better siting evaluation. They also need to properly document and track recommendations that are closed.
- **Emergency Response:** A program is in place, but needs to include documentation of the use of emergency response equipment and their inspection and maintenance.
- **Operating Procedures:** The facility has made improvements in their operating procedures by incorporating consequences of deviations, safety and health information, and descriptions of safety systems. However, the procedures need to include the steps required to correct or avoid the deviations and involve operators in preparing the procedures.
- **Compliance Audit:** The facility needs to promptly determine and document that the compliance audit deficiencies have been identified, scheduled and corrected.
- **Safe Work Programs:** Programs such as hot work permit, lock out/tag out and confined space are available, but the draft policies need to be finalized. The lockout/tagout program also needs to be annually inspected.



Additional Information

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

For more information, questions, or comments regarding this facility or audit, please send an email to ARPTeam@hdsd.cccounty.us

