Audit Summary
Antioch Water Treatment Plant
Antioch, California

Introduction
Contra Costa Hazardous Materials Programs (CCHMP) conducted a comprehensive audit/inspection of the policies, and procedures developed by the City of Antioch Water Treatment Plant (AWTP) located at 401 Putnam Street, Antioch. This audit, conducted in the spring of 2012, 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 AWTP, CCHMP reviews individual safety programs through answering up to 337 questions. The CCHS 2012 CalARP audit at AWTP resulted in 11 corrective actions for AWTP to implement, and roughly 16 other items that are not required, but may assist in accident prevention. Based on our audit/inspection, the prevention programs generally meet the regulatory requirements. Identified below are some notable issues found, both good and bad.

Notable Items:
- **Changes in Process and Equipment:** A program is in place to review any changes to process equipment and procedures, but implementation and understanding of “replacement-in-kind” needs to be improved.
- **Emergency Response:** The facility does not respond to fires or releases, but has a plan in place for what to do in case of such an emergency.
- **Training:** Personnel onsite have successfully completed the formal training required by the State of California to operate and maintain a water treatment plant and routinely supplement this training to remain current.
- **Process/Equipment Safety Information:** The facility has information available related to the processes, but needs to update and add some additional information. Some of the information was updated during the audit.
- **Operating Procedures:** The facility has procedures available to address the operation of the covered processes.
- **Safe Work Programs:** The facility has documented safe work practices to safely perform maintenance on the process equipment, minor improvement can be made to improve electrical isolation using lock out and document training of employees for this procedure.

Additional Information
To review the complete safety audit report, visit the Antioch Library at 501 West 18th Street, Antioch, CA. 94509 or call 925-335-3200 for an appointment to view the report at CCHMP office @ 4585 Pacheco Blvd. Martinez, CA 94553.

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