



Project Name: Remediation of PCB-Impacted Surface Soils

Client: Confidential

Agency: Orange County Health Care Agency

Location: Huntington Beach, California

Chemical of Concern: Aroclor (PCB) 1254

Project Goal

The goal of this project was to remediate surface soils contaminated with up to 23 mg/Kg of Aroclor (PCB) 1254 to residential levels so that the site, which was operated as a natural gas processing plant for approximately 50 years, could be redeveloped as a county regional park.

Waterstone's Role

Waterstone oversaw the site characterization and the excavation, removal, transport, and treatment of PCB contaminated soils at the site. Waterstone also conducted final verification sampling and submitted a comprehensive site activity report to a regulatory oversight agency for site closure.

Project Challenges and Successes

Waterstone successfully identified the source area of the PCBs and excavated and separated approximately 2,500 cubic yards of PCB-impacted soil from the site. After treatment by segregation, mixing, dilution, and off-site thermal desorption, PCB concentrations in the soil were reduced to acceptable levels and could be used as backfill material. Waterstone also successfully achieved site closure from the regulatory agency.