

Hazardous Waste / RCRA Projects:

Client: Chevron El Segundo Refinery

Dr. Schwerdtfeger served as PM for the Part B permit for the landfarm post-closure project. She oversaw a team that prepared this enormous permit application in less than 90 days to meet a Correction Action Order issued by DTSC. Subsequently, this project required the evaluation of over 20 years of soil, groundwater and soil-pore liquid monitoring data to identify statistically significant evidence of a release (SSER) per Title 22 of the California Code of Regulations.

Client: Army Corps of Engineers, Sacramento District

Dr. Schwerdtfeger prepared a Part B permit application to expand the operations at the Conforming Storage Facility at Edwards AFB which was used this building to collect and store hazardous wastes for up to one year. Dr. Schwerdtfeger completed all parts of the permit application, which was approved by DTSC. Edwards AFB was able to double its storage area as a result of this effort. There were no comments from DTSC and the permit was approved with no change on a fast-track basis.

Client: Air Force Center for Environmental Excellence (AFCEE)

Air Force Plant 70 in Sacramento, Dr. Schwerdtfeger evaluated the chemical and health hazards from a demolition activity adjacent to a tank and piping that contained nitrogen tetroxide. This rocket fuel propellant had been used in a rocket test stand, which was undergoing demolition. The Air Force needed to vacate the site and remove all concrete and chemical contaminants from the soil. Dr. Schwerdtfeger worked with the construction crew and industrial hygiene staff to develop a mutually agreeable approach for demolition which protected workers from potential leaks of this chemical, which could have been imminently dangerous to health and safety.

Other: Hughes Aircraft Company

Dr. Schwerdtfeger served as the On-site Hazardous Waste (HW) Coordinator for the Torrance facility. Dr. Schwerdtfeger managed all aspects of the HW Yard and coordinated with various TSDFs for disposal. Dr. Schwerdtfeger was able to bring the facility into compliance with federal and state requirements very quickly.