

Pollution Prevention Projects:

Client: MCB Camp Pendleton

Dr. Schwerdtfeger served as PM for pollution prevention and SB-14 reporting for Marine Corps Base (MCB) Camp Pendleton. She wrote the P2 Plans in 1996 and 1999 to satisfy requirements for Headquarters Marine Corps (HQMC) and the State of California. Dr. Schwerdtfeger demonstrated for the first time that the base was exceeding the waste reduction goals mandated by the Department of Defense (DOD).

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Dr. Schwerdtfeger successfully exempted 8 million pounds per year of waste from the oil water separators at MCB Camp Pendleton by demonstrating the successful recycling of clean water and conformance to the Health and Safety Codes (HSC) 25143.2. This case study was summarized and presented at the Air & Waste Management Association (AWMA) in 2003.

Client: Naval Facilities Engineering Command Southwest Division (SWDiv)

Dr. Schwerdtfeger served as PM for ozone depleting substance (ODS) surveys and elimination plans. Dr. Schwerdtfeger directed these ODS surveys at Navy and Marine Corps bases in California, Arizona and Nevada to meet an aggressive schedule to comply with requirements from the Secretary of the Navy. She surveyed thousands of heating, air conditioning and refrigeration (HVAC&R) and total flooding fire suppression systems that contained ODSs. The fourteen facilities included:

- MCAS Miramar
- MCAGCC Twentynine Palms
- NAS North Island
- MCB Camp Pendleton
- MCAS Camp Pendleton
- MCLB Barstow
- NAF El Centro
- SIMA San Diego
- NPS Monterey
- NAS Fallon
- MCAS Yuma
- NAVHOSP San Diego
- NAF Imperial Beach
- NAB Coronado

Client: Electric Power Research Institute (EPRI)

Dr. Schwerdtfeger conducted a pollution prevention assessment to eliminate 1,1,1-trichloroethane from use during transformer testing and cleaning operations at facilities owned by the Los Angeles Department of Water and Power (LADWP). She also instituted procedures for recycling oily rags and returning empty containers (55 gallon drums) to the suppliers.

Other: Northrop Corporation

Dr. Schwerdtfeger established a pollution prevention goal which the CEO, Kent Kresa, agreed to support as a formal corporate metric. She prepared the technical justification with cost estimate and return on investment that was presented to the Executive Vice Presidents and President.