

Oroville, CA
Vehicle Maintenance Site
Nov. 07, 2008

Historical Background:

This site has been in continuous usage as a heavy vehicle maintenance facility since before 1940. During World War II the site was used by the US Military as a service yard for tanks, APCs, trucks and other heavy equipment. Reportedly, used oils were dumped on the soil and left where they fell. Following the war, the site was occupied by a heavy construction equipment manufacturer as a service yard with the same use and policy as the military. After being used for approximately 10 years by the heavy equipment company, the property has been occupied to the present date by a series of independent service companies. These companies service and repair heavy equipment, drilling equipment as well as road tractors and trailers.

Nov. 07, 2008; A representative sample of one heavily contaminated location was collected for laboratory analysis. A heavy application of E-Safe© was applied as shown at right.

The laboratory analysis showed a diesel range organics (DRO) contamination of 740 ppm and the motor oil range organics (MORO) was 13,000 ppm.



Nov. 11, 2008: A sample was pulled, by an environmental company geologist, for the purpose of lab analysis for determining what drop had occurred in the contamination levels.

Nov. 13, 2008: The lab analysis showed that 2 days after treatment the DRO had dropped to 410 ppm, and the MORO had dropped to 3800 ppm.