

PCBs at the Shell Hercules Gas Plant Superfund Site

Frank DeMarco, PE

Regional Water Quality Control Board

The Department of Toxic Substances Control (DTSC), as lead agency at a California superfund site known as the Shell Hercules Gas Plant, established human health based cleanup goals for polychlorinated biphenyls (PCB) standard of 50 milligrams per kilogram (ppm) to a maximum depth of five feet below ground surface and a site surface soil average of 10 ppm. The cleanup goals were established in spite of objections from other state and local agencies. Essentially, the other agencies concluded the site was not properly assessed and the approved cleanup goals will not protect the environment. The speaker will discuss the history of the Shell Hercules Gas Plant and the results of water quality data collected since the site was remediated to DTSC's approved cleanup goals.