

















CTEH Cumulative Water Sampling Summary

CTEH CENTER FOR TOXICOLOGY

June 10, 2015

Coastline Water Sampling Summary

On May 20, 2015, Center for Toxicology and Environmental Health, LLC (CTEH*) initiated coastline water sampling in support of response operations for the Refugio Incident near Gariota, CA. This sampling has been conducted under a billief Command-approved sampling plan. For water samples collected from May 20, 2015 to June 7, 2015, this summary presents a comparison of the water sampling results to relevant health-based sufferee water screening levels.¹

General Summary of Water Sampling Operations and Preliminary Results

Surface water screening values are a useful tool for evaluating the surface water results for chemicals potentially present in cruse oil. Surface water screening values (Table 2) were derived by selecting the most conservative of (1) the USEPA human health benchmarks for cruse oil-related chemicals, derived to protect the general population and sensitive populations, specifically child swimmers' or (2) the State of Florida-derived human health-based screening values protective of a child beach visitor who swims in costal waters. ¹A companison of the water sampling results to health-based surface water screening values is provided in Table 1.

Center for Toxicology and Environmental Health, LLC (CTEH®) summarizes the water sampling results that were initiated in support of response operations for the Refugio Incident near Gaviota, California. This sampling has been conducted under a Unified Command-approved sampling plan. For water samples collected from May 20, 2015 to June 7, 2015, this summary presents a comparison of the water sampling results to relevant health-based surface water screening levels.

For full report please click here.