

CALIFORNIA DEPARTMENT OF TRANSPORTATION, STATE ROUTE 4, 0.61 MILE WEST OF "A" STREET UNDERCROSSING TO 0.10 MILE EAST OF HILLCREST AVENUE IN ANTIOCH, Contra Costa County

The California Department of Transportation (Caltrans) proposes to discharge lead-contaminated soil at a highway construction project along State Route 4 in Antioch that is generated from excavation of soil at the project site. The California Department of Toxic Substances Control issued a variance for these types of Caltrans projects on 1 July 2009. The waivers in the variance are for lead-contaminated soil that is not a RCRA hazardous waste, and is hazardous primarily because of aeriially-deposited lead associated with exhaust emissions. The variance requires that the soil be covered with at least one foot of non-hazardous soil or be placed below a pavement structure, depending on total and extractable concentrations. Approximately 22,300 cubic yards of soil are expected to need to be managed in accordance with the variance which would require it be buried below one foot of clean soil due to concentrations below what would require it be buried below a pavement structure. Caltrans proposes to bury the soil beneath a pavement structure consisting of concrete and aggregate base along the mainline and shoulder areas. The waiver requires that Caltrans maintain that portion right-of-way to minimize exposure of the lead-contaminated soils to waters of the State by erosion, percolation, or other means, and that they submit a report to the Central Valley Water Board documenting the volume of lead-contaminated soil, location, and type of burial following the completion of the project. (WLB)