



Occurrence and distribution of volatile organic compounds and pesticides in ground water in relation to hydrogeologic characteristics and land use in the Santa Ana Basin, Southern California

By -



No binding. Book Condition: New. This item is printed on demand. OCLC Number: (OCoLC)59717907 Subject: Volatile organic compounds -- Environmental aspects -- California -- Santa Ana River Watershed. Excerpt: . . . 6 Occurrence, Distribution of Volatile Organic Compounds, Pesticides in Ground Water, Santa Ana Basin, Southern Calif. All detections of VOCs and pesticides, whether above or from less than 200 to more than 1,000 ft (Dutcher and Garrett, below laboratory reporting limits (LRLs), were used in calcu-1963). Recharge to the basin varies seasonally and is largely lating detection frequencies and in nonparametric statistical from infiltration of runoff from the San Gabriel and San Ber-tests. The USGS National Water Quality Laboratory (NWQL) nardino Mountains. Much of the runoff is diverted into storm-uses LRLs for reporting nondetections, but is able to quantify detention basins, which also operate as ground-water recharge detections of compounds below the LRL (Childress and oth-facilities (fig. 3). Surface water imported from northern ers, 1999). If a water sample has a compound at a concentra-California and the Colorado River is also used to recharge the tion above the LRL, the NWQL has a high degree of confi-ground-water...



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