State of California - Health and Human Services Agency
California Department of Public Health

Drinking Water and Radiation Laboratory Branch

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FINAL Analysis Results Report for Task ID. 14-0089

Parameter	Method	Result +/- CE	MDA 95	Units
Lab No: 14-0089-01	Sample ID: R 94350 Sample Type: Soil/Sediment	Time Collected: 1/17/2014 11:00	Sampling Point: Sediment	
Dry Wt/Wet Wt		0.7038		
K-40	HASL Ga-01-R	8.44 +/- 0.210	0.249	pCi/g dry wt

(1) Precision criteria for these method were determined to be acceptable.

(2) CE is the counting error at the 95% confidence level as defined in Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032, August 1980.

(3) MDA95 is the sample specific minimum detectable activity at the 95% confidence level which is the LLD95 devided by 2.22, the efficiency, and the yield, and may include factors for abundance, decay, and ingrowth, dependent on the particilar radio-nuclide. LLD95 is defined in section 7010G, Standard Methods for the Examination of Water and Wastewater, American Water Works Association, 21st Ed., 2005, where Sb is the aquare root of the instrument background count rate.