

Table 2J. Tritium and noble gases, Chemical Abstract Service (CAS) number, method uncertainty (MU) and reporting units for the Lawrence Livermore National Laboratory, type of comparison threshold for ground-water detections, and the corresponding threshold value.

[The five-digit USGS parameter code is used to uniquely identify a specific constituent or property. MCL-CA, California Department of Health Services maximum contaminant level; na, not available; cm³ STP/g, cubic centimeters of gas at standard temperature and pressure per gram of water; pCi/L, picocuries per liter]

Constituent	CAS number	MU (percent)	Reporting units	Threshold type	High threshold (pCi/L)
Argon	7440-37-1	2	cm ³ STP/g	na	na
Helium-3 / Helium-4 ratio	na / 7440-59-7	0.75	na	na	na
Helium-4	7440-59-7	2	cm ³ STP/g	na	na
Krypton	7439-90-9	2	cm ³ STP/g	na	na
Neon	7440-01-09	2	cm ³ STP/g	na	na
Tritium	10028-17-8	1	pCi/L	MCL-CA	20,000
Xenon	7440-63-3	2	cm ³ STP/g	na	na